## PROPERTY PROTECTION ORNAMIENTATION



WAYNE IRON WORKS
PHILADELPHIA



### PROPERTY PROTECTION AND ORNAMENTATION

IRON AND WIRE FENCES

ORNAMENTAL ENTRANCE GATES

WE frequently see catalogues of fence manufacturers that name prices on their various types of fences. In analyzing these published prices, we find they are invariably and necessarily maximum prices—frequently 25 to 50% higher than a reasonable profit warrants. If you require any work of the character herein described, it will be to your advantage to let us make you a definite price on your special requirements.

MACHINERY GUARDS
LOCKERS

### WAYNE IRON WORKS

INCORPORATED 1893

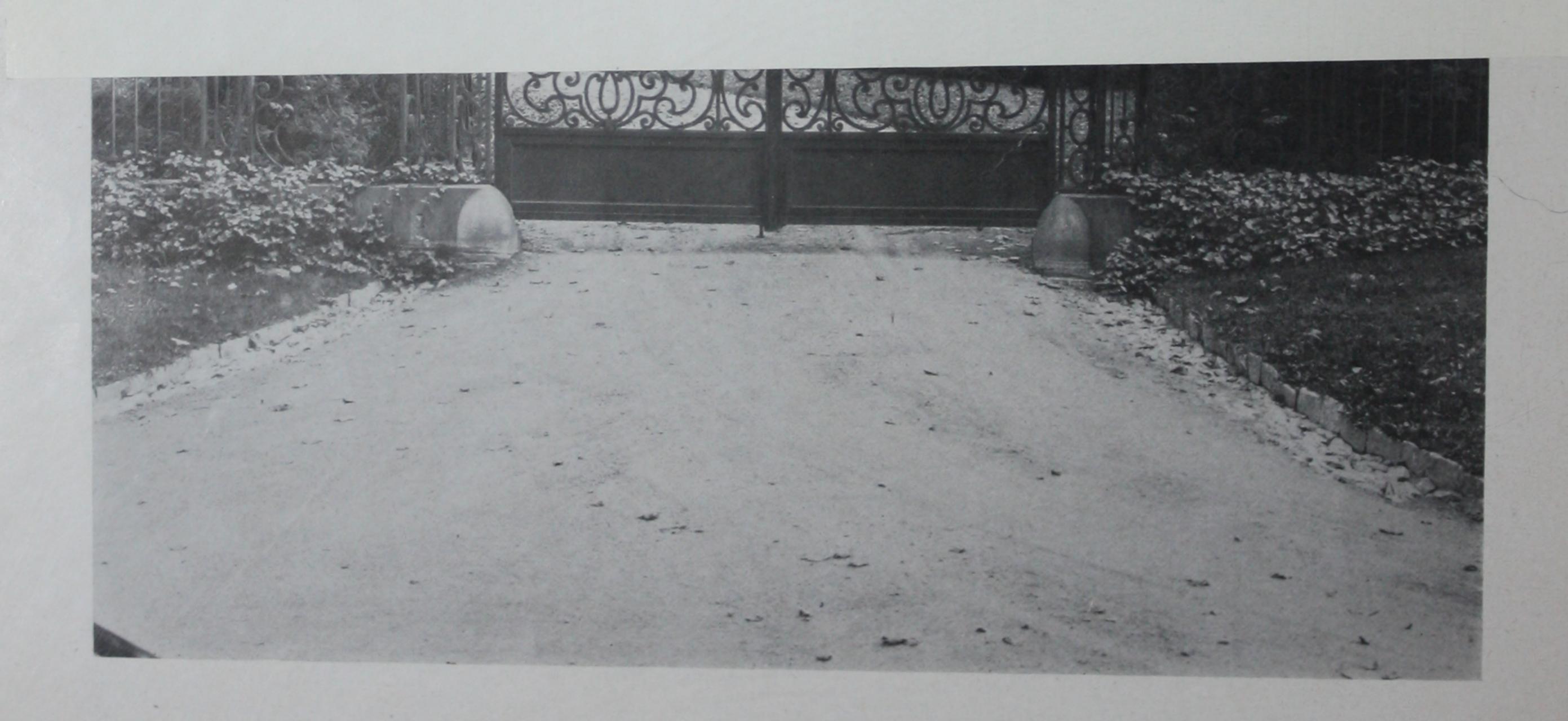
Office:

COMMERCIAL TRUST BUILDING, PHILADELPHIA

Works:

WAYNE, PENNSYLVANIA





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### PROPERTY PROTECTION AND ORNAMENTATION

IRON AND WIRE FENCES
ORNAMENTAL ENTRANCE GATES
TENNIS COURT ENCLOSURES
FARM FENCES
POULTRY YARDS
TREE GUARDS
CLOTHES POLES
RAILROAD INTERTRACK FENCES
RIGHT-OF-WAY FENCING
FACTORY FENCES
BRIDGE RAILINGS
PIPE RAILINGS
MACHINERY GUARDS
LOCKERS

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INCORPORATED 1893

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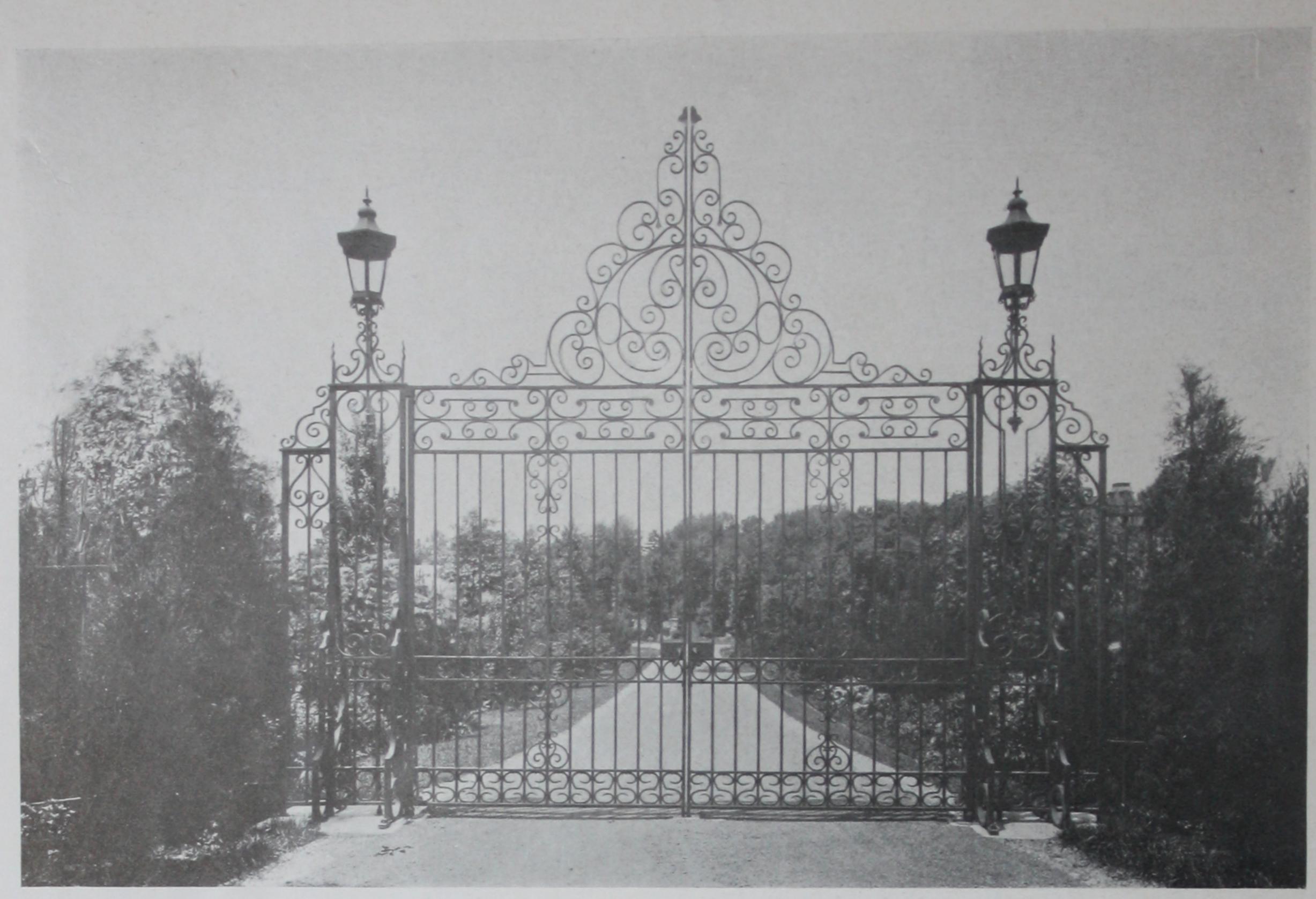
WAYNE, PENNSYLVANIA

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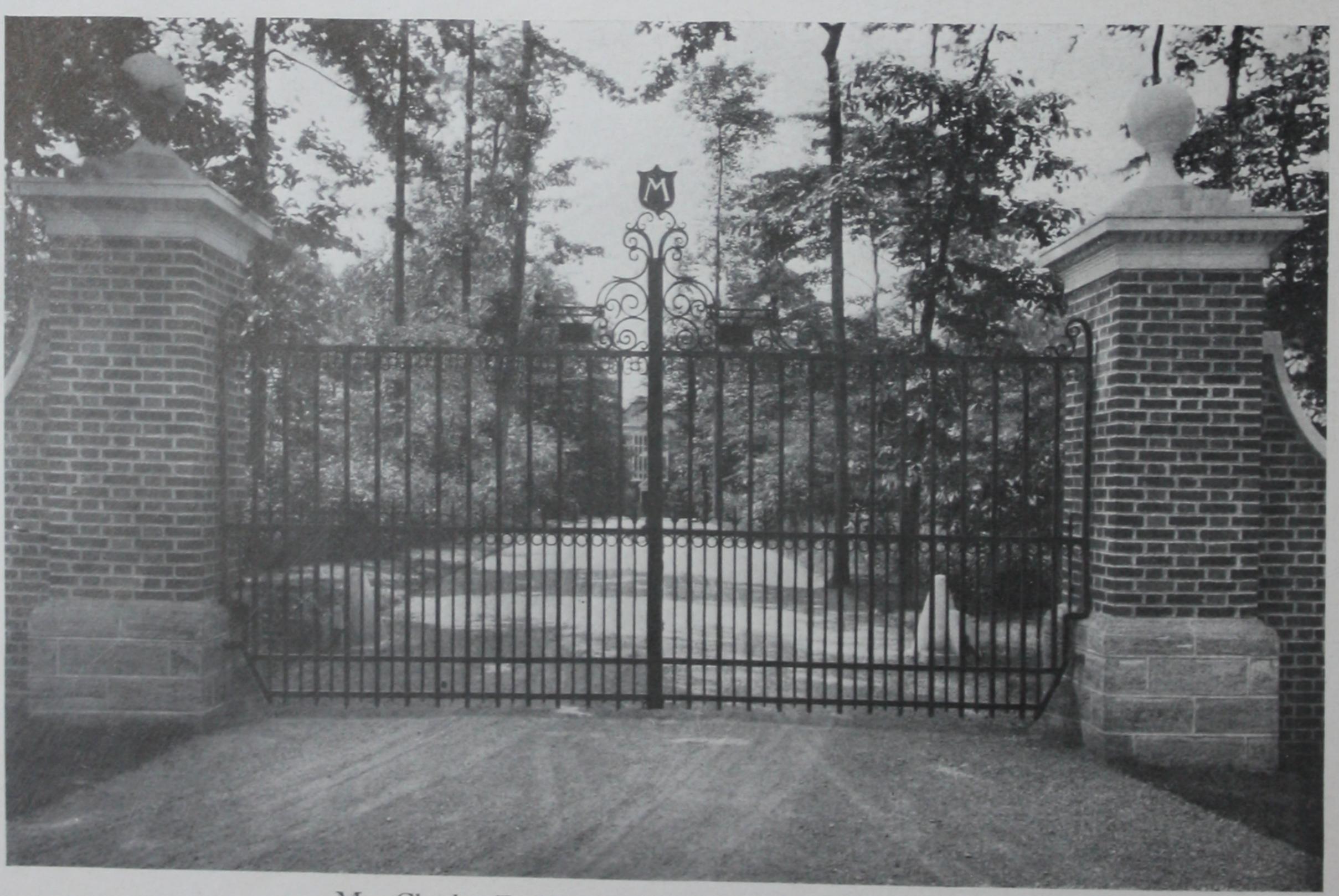
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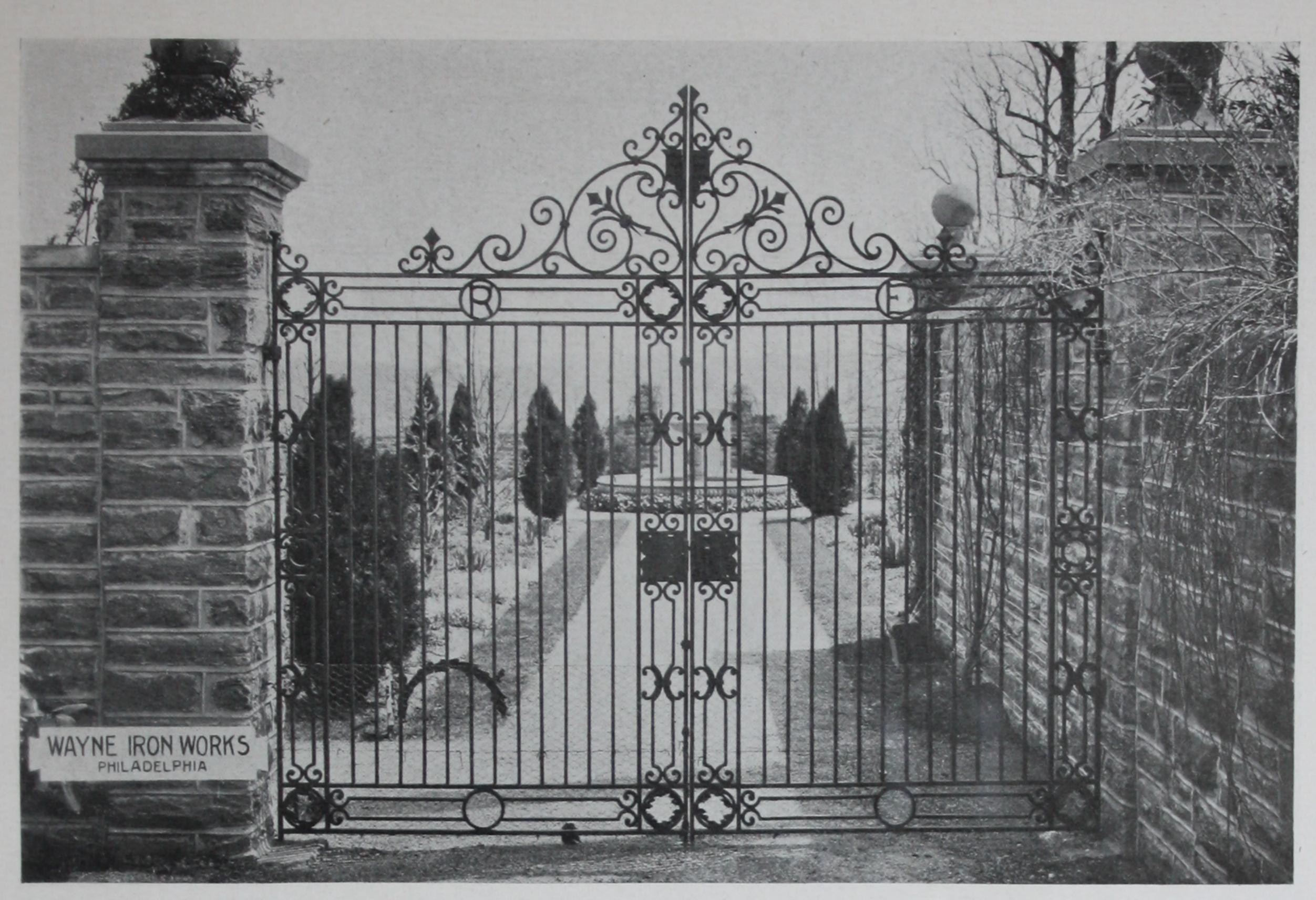
# PART I FENCING FOR COUNTRY ESTATES AND SUBURBAN PROPERTIES



Entrance to Mr. M. J. McMenamin's Home at Merion, Pa.



Mr. Charles E. Mather's Gateway at Haverford, Pa.



An Ornamental Gate on the Estate of Rudulph Ellis, Bryn Mawr, Pa.

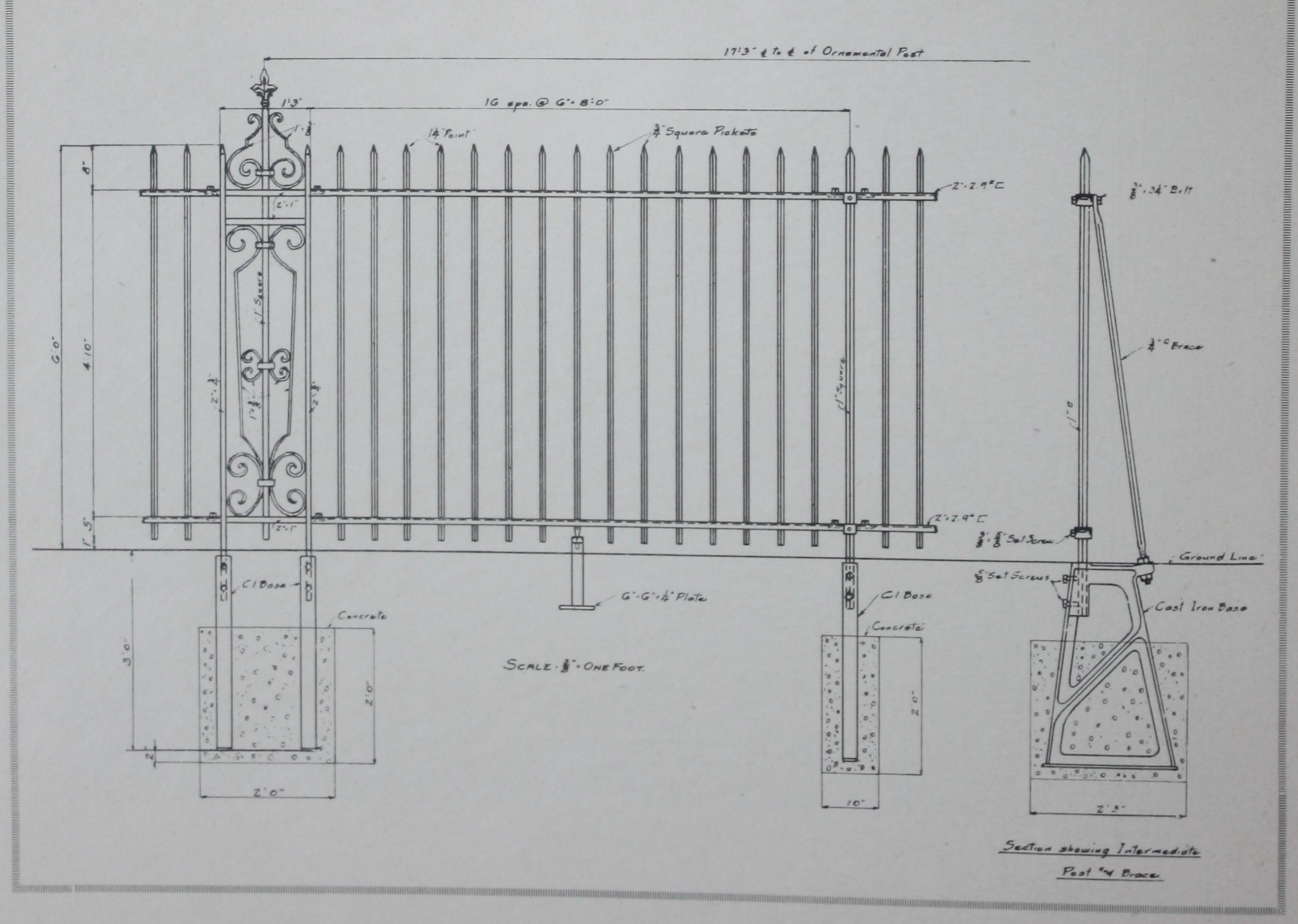


Entrance to the Home of Mr. H. A. Berwind, Radnor, Pa.



A Line of Wrought Iron Picket Fence, six feet high, with ornamental posts, on the country place of Mr. Charles E. Mather, Haverford. Design No. 8.

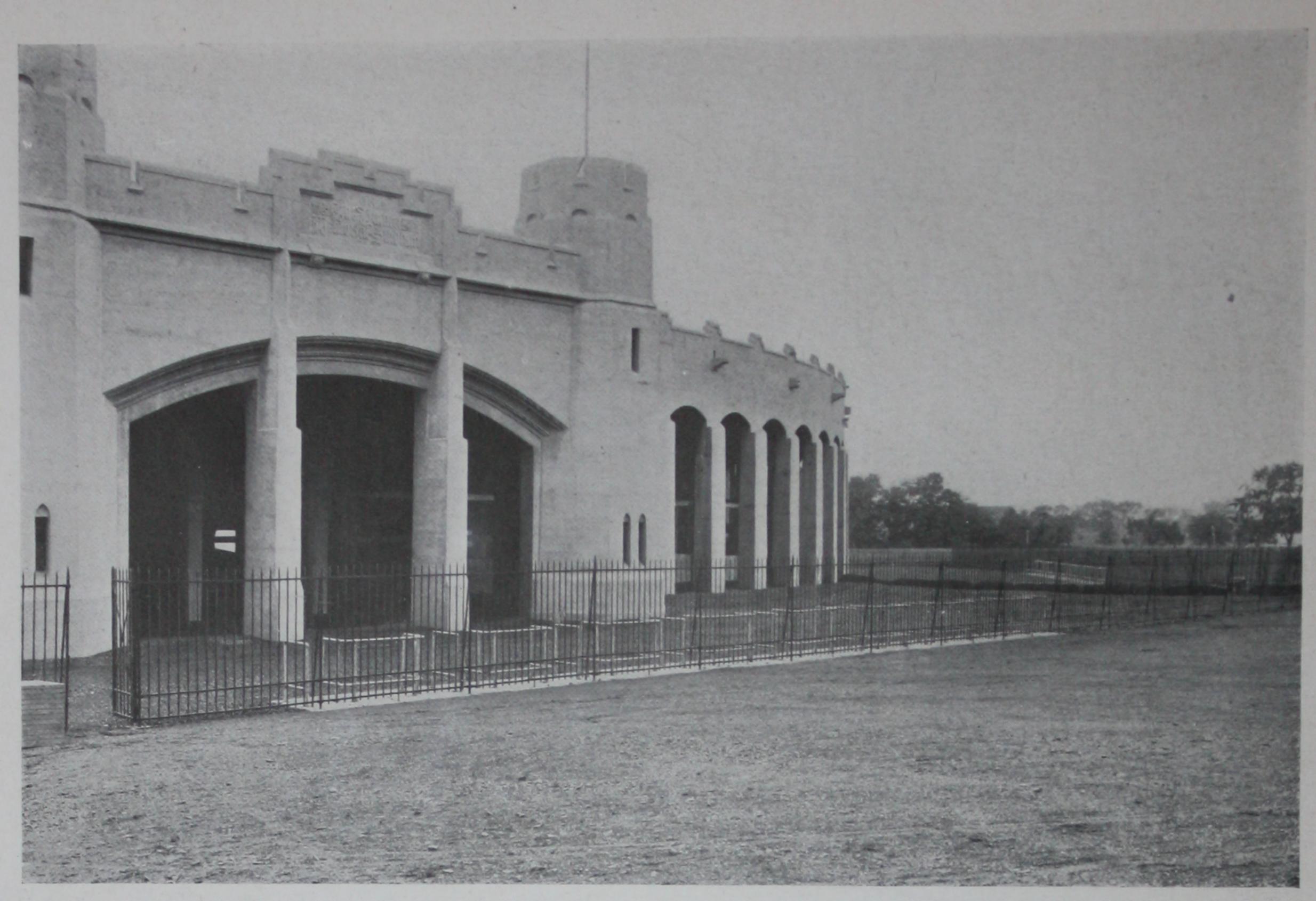
Specifications shown below.





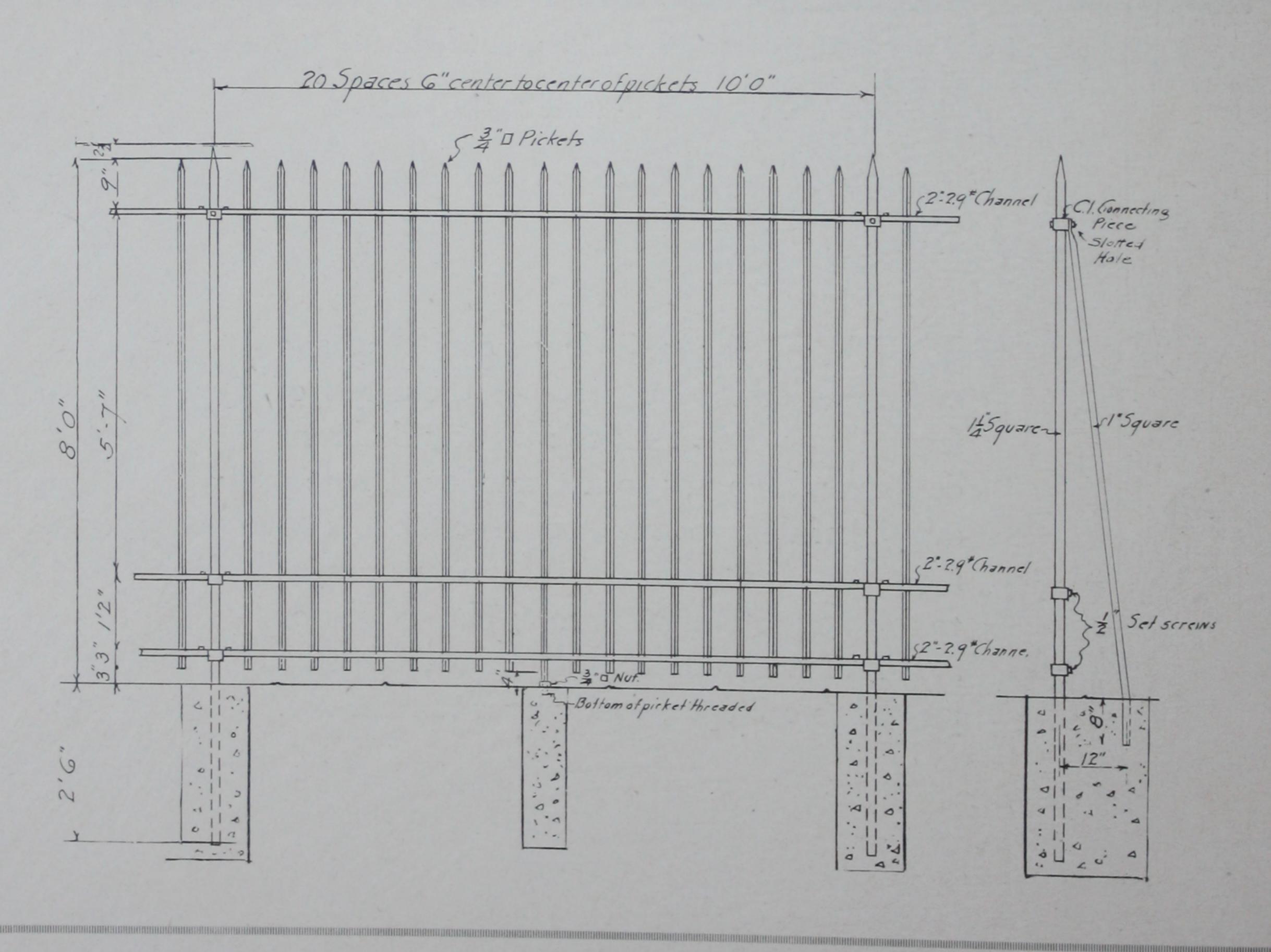
Wrought Iron Picket Fence, six feet six inches high, built for Mr. Wm. K. Vanderbilt, Jr., Long Island. Design No. 13. Specifications shown on page 14. We furnished Mr. Vanderbilt with over 3 miles of this fence.

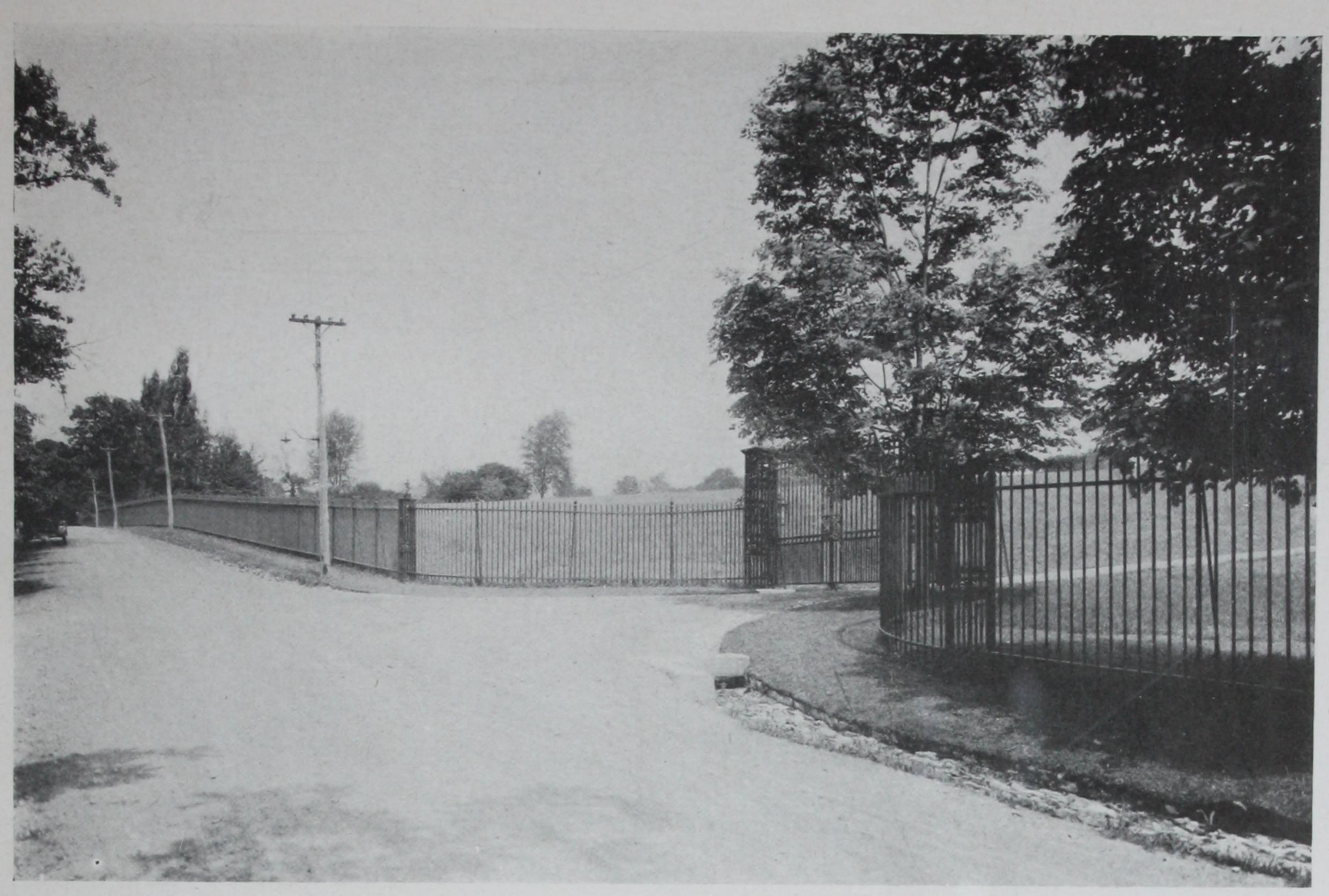
DURING the past few years we have manufactured hundreds of thousands of feet of iron picket fence in many different designs, and also many ornamental gates. A few samples of this work are shown on the following pages. We shall be glad to submit designs to suit any conditions as to height, weight, or style. One of our representatives will be pleased to call upon you at your convenience.



Eight foot high fence around the Palmer Stadium at Princeton, N. J. Design No. 81.

Specifications shown below.





A Line of eight foot picket fence on the estate of Mr. H. A. Berwind, Radnor, Pa. Design No. 4.



Fence of the same design as the above, on the property of Mr. Charles A. Munn, Radnor, Pa., formerly the Estate of J. W. Paul.



Ornamental Gates and Railing at the entrance to Mrs. B. F. Clyde's country place, Ithan, Pa.



Mr. R. K. Cassatt's Gate at Rosemont, Pa.



Gateway to the Holy Cross Cemetery, Philadelphia.

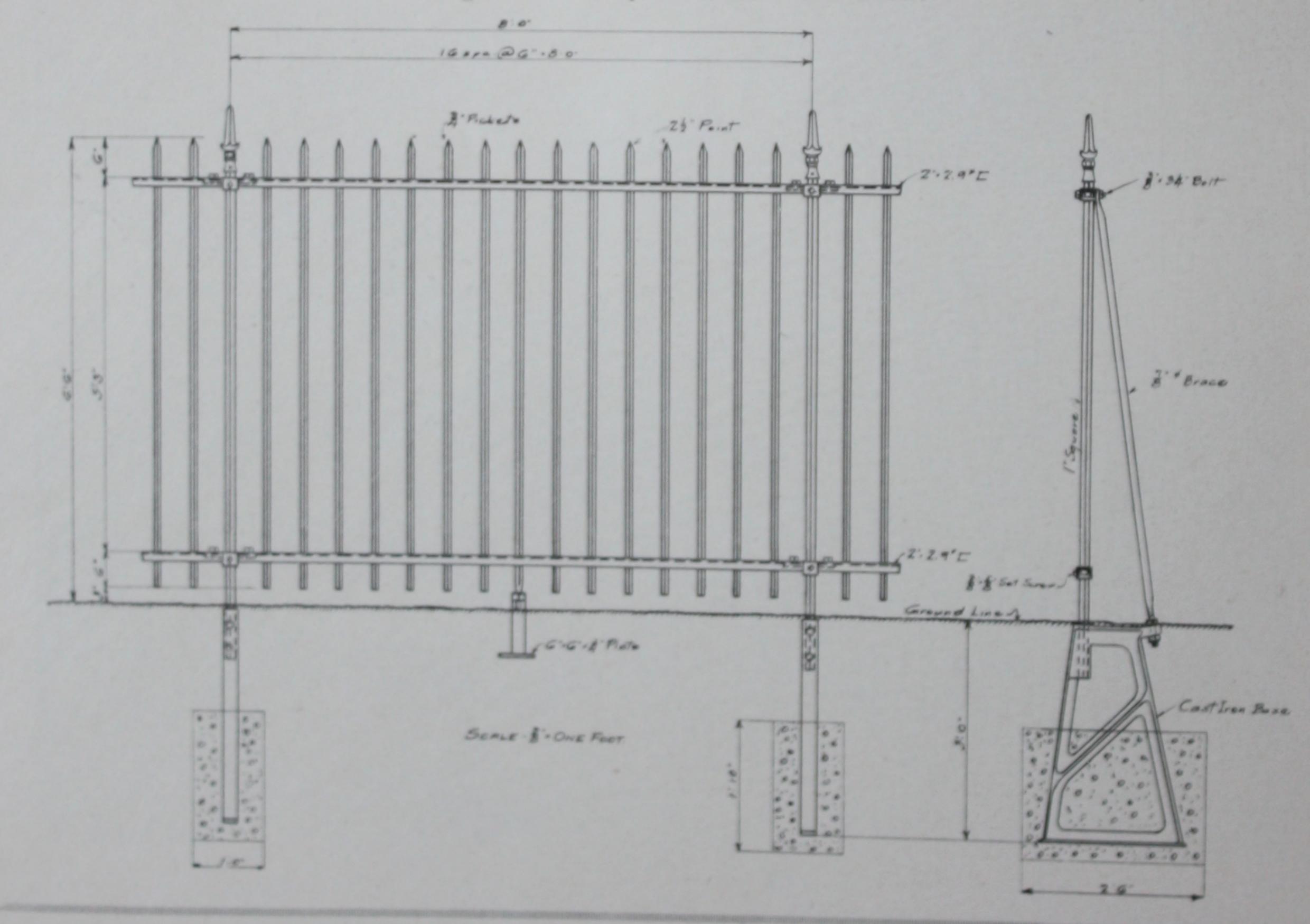


Entrance to the country estate of Mr. Robert L. Montgomery, Ithan, Pa.



Latham Park, Old York Road, Philadelphia, surrounded by six foot six picket fence.

Design No. 13. Specifications shown below.





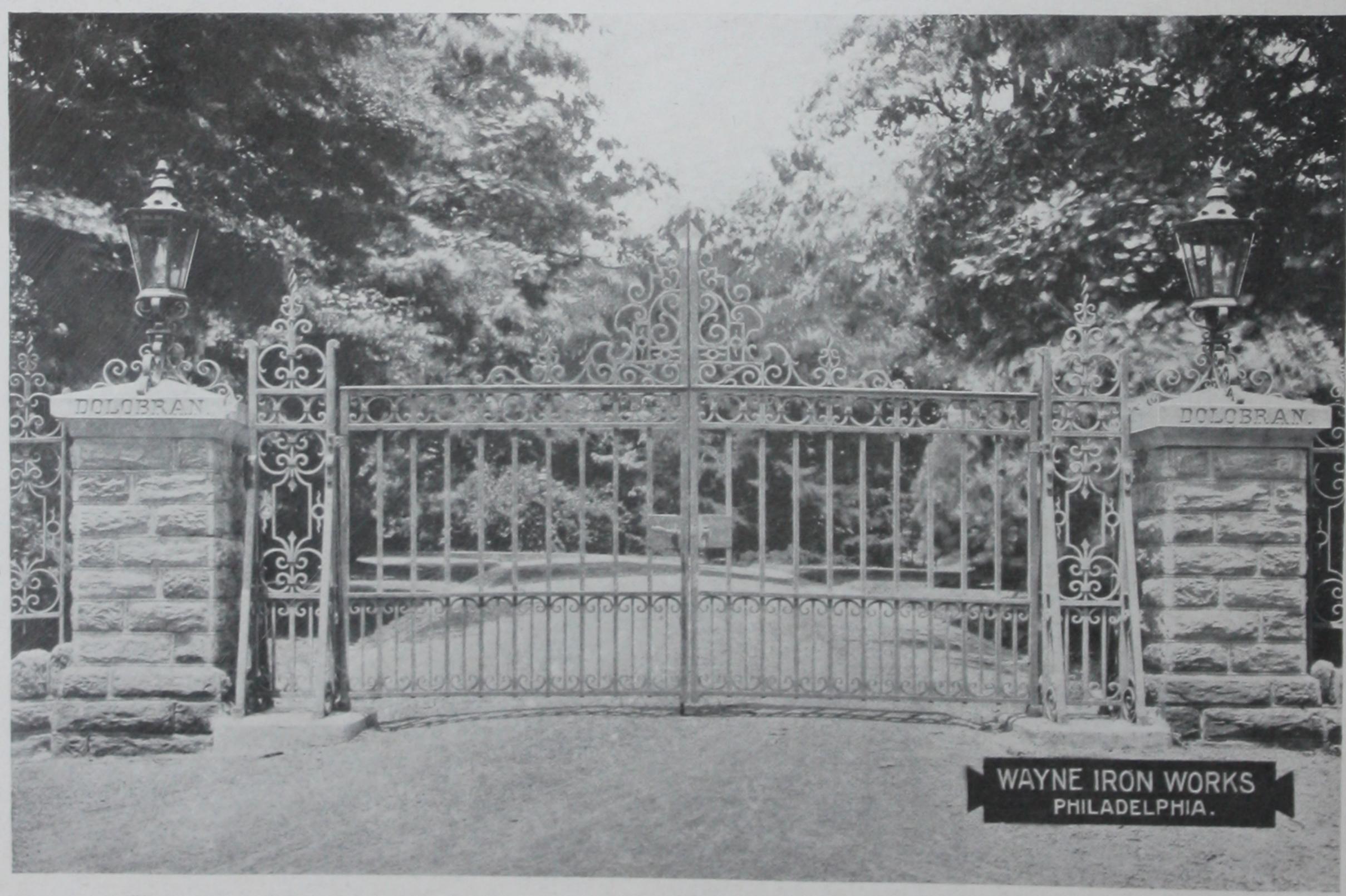
Entrance to "Coolkenny," the estate of Mr. Thomas P. Hunter, Haverford Pa., showing Design No. 13 fence at the sides.



Iron picket fence, Design No. 4, enclosing the grounds of the Pennsylvania Hospital, Forty-sixth and Market Streets, Philadelphia; similar to Design No. 13, opposite, but eight feet high and heavier.



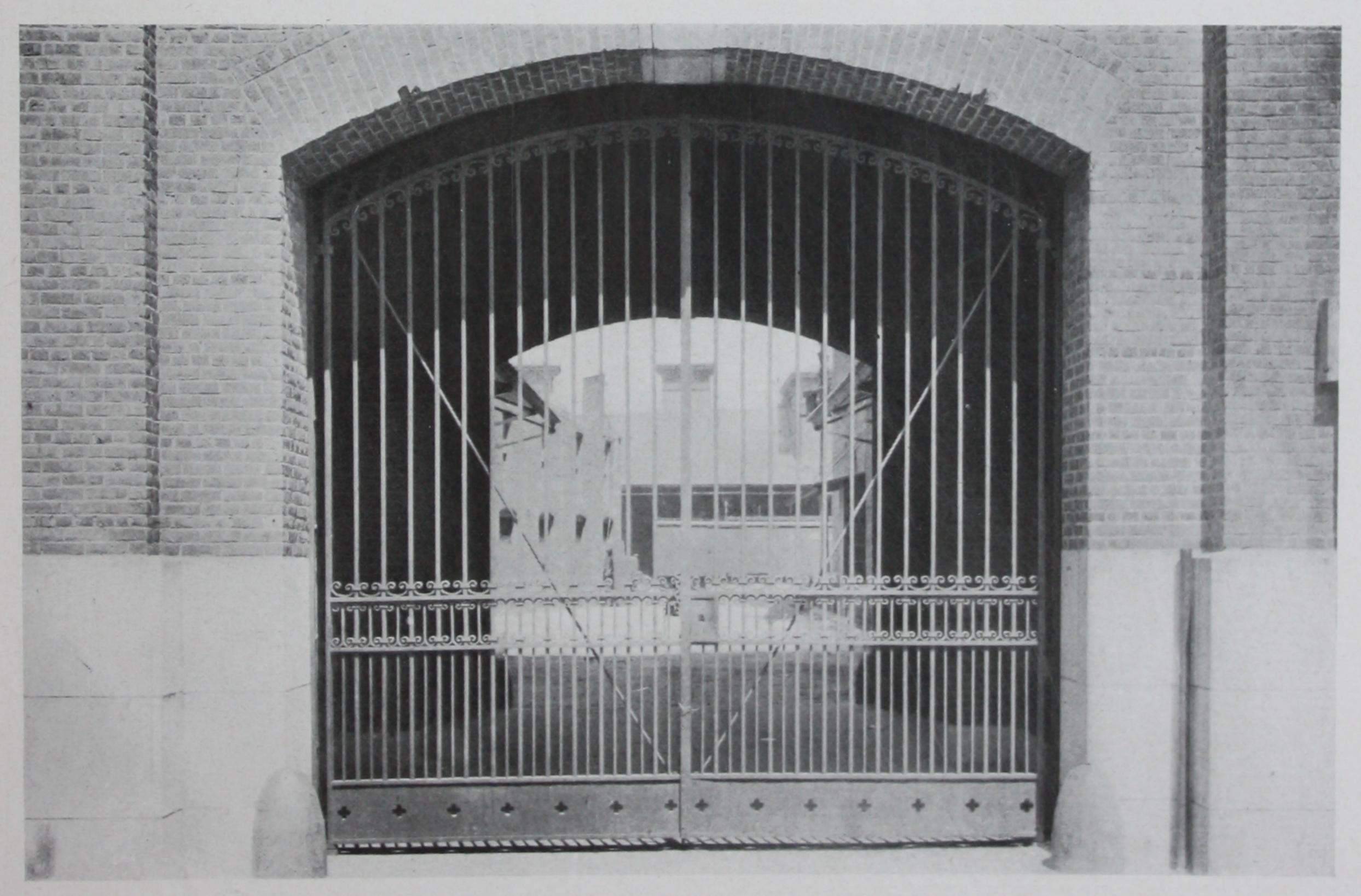
Six foot high picket fence along Rose Lane, Haverford, Pa., on Mr. T. DeWitt Cuyler's estate.



Entrance to "Dolobran," the home of the late Mr. Clement A. Griscom, Haverford, Pa.



Ornamental Drive Gates, built for Mr. Henry A. Laughlin, Chestnut Hill, Pa.

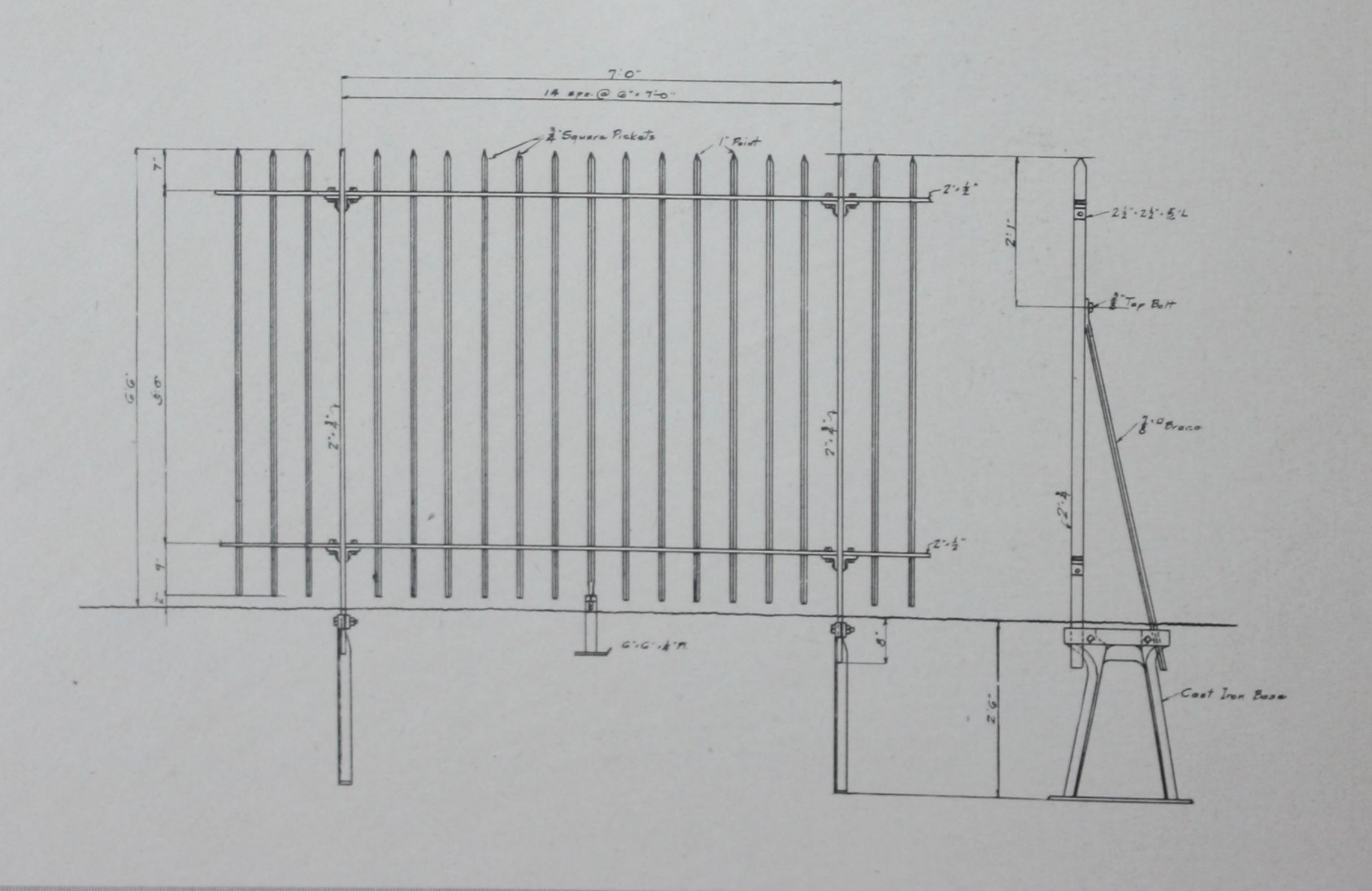


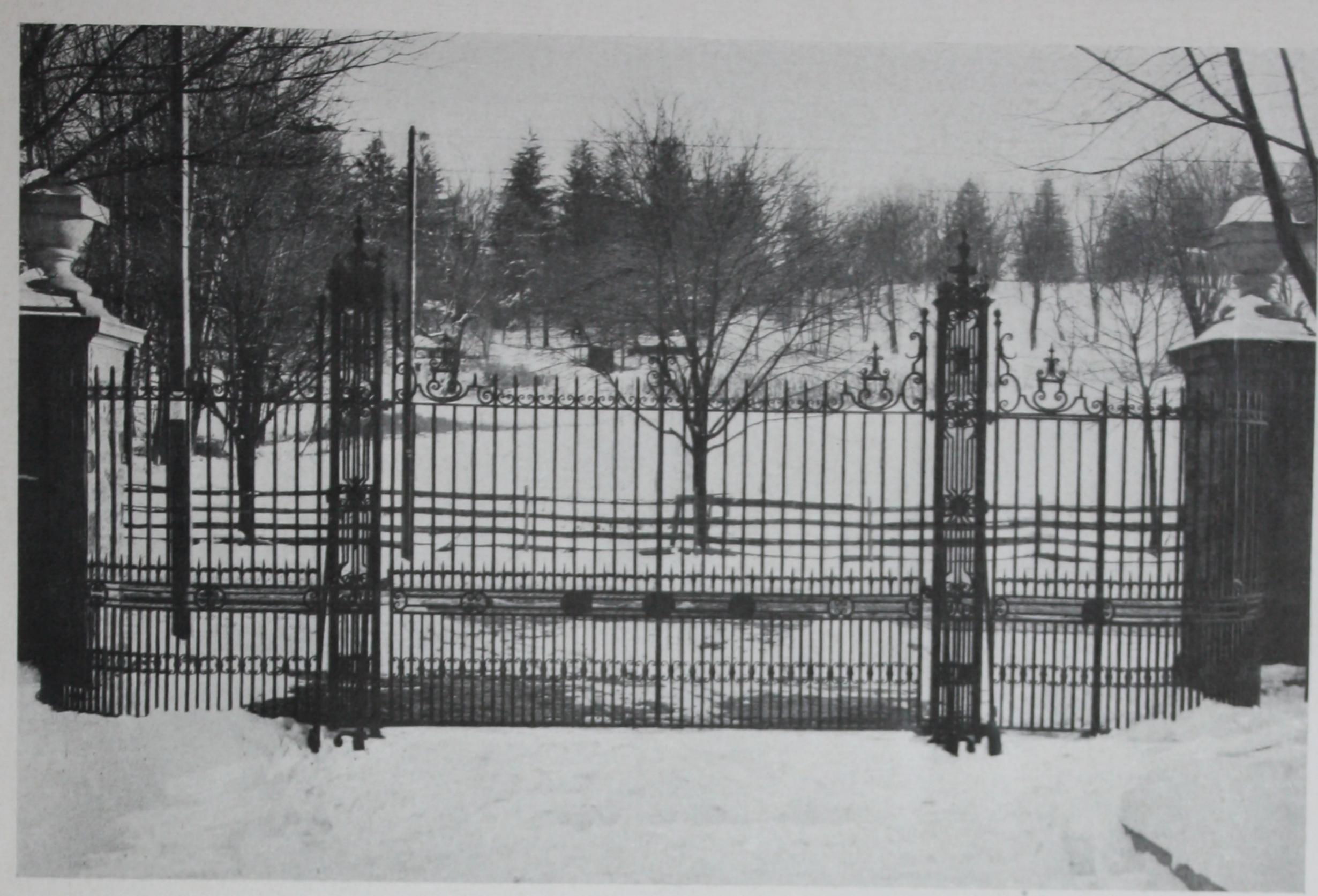
An Arched Gateway, U. S. Marine Corps Office, Philadelphia.



Six foot six inch picket fence with flat-bar posts (Design No. 12), surrounding the estate of Mr. John T. Morris, Chestnut Hill, Pa.

Specifications shown below.

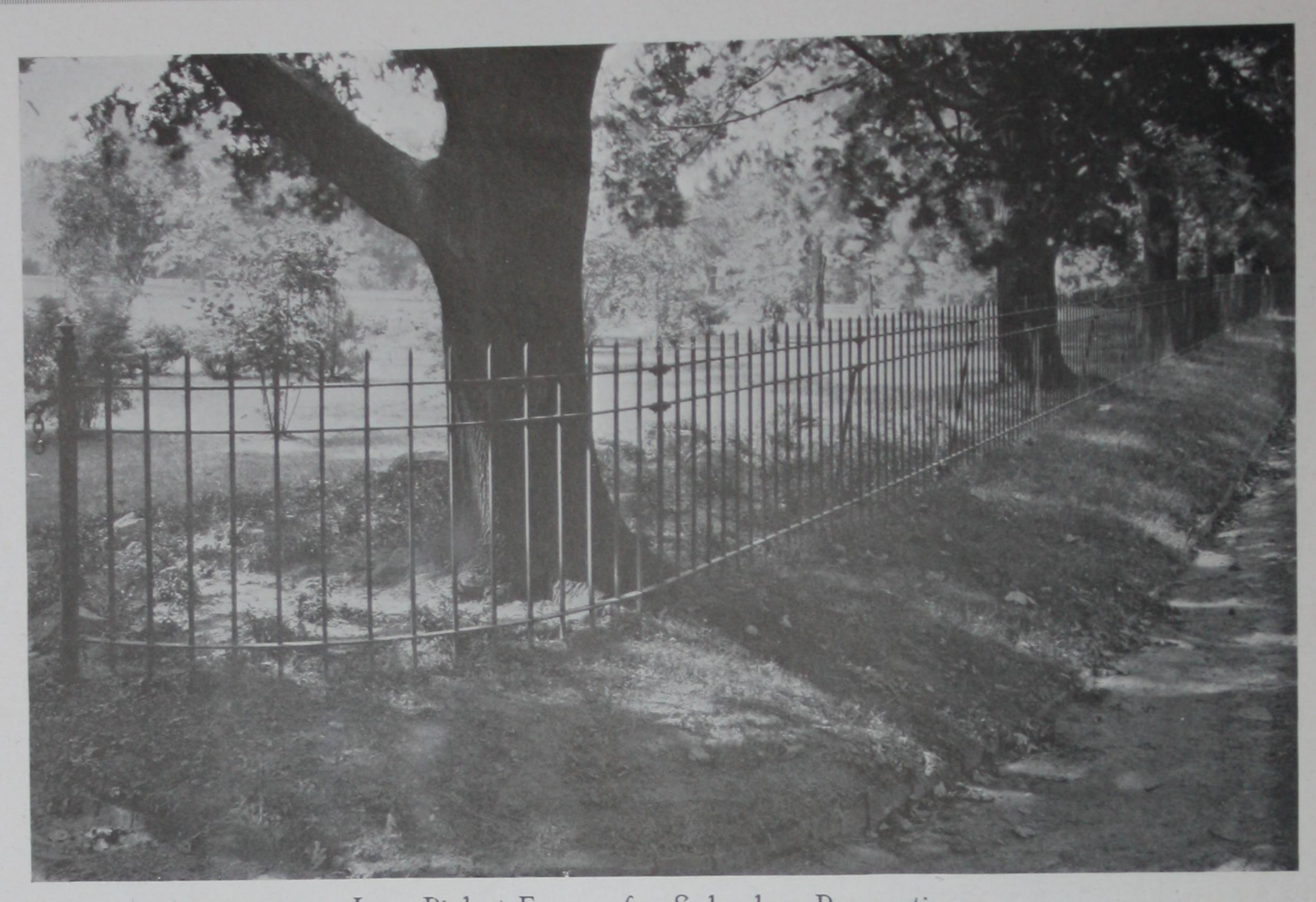




Ornamental Gatéway erected in connection with the fence shown on opposite page.



Plain rear entrance to the same property as the above. Note the cast iron gate posts.



Low Picket Fences for Suburban Properties.

Above—Design No. 65, built for Mrs. J. G. Klemm, Montgomery Avenue, Villa Nova, Pa.

Below—Design No. 83, surrounding the Church of Our Mother of Good Counsel, Bryn Mawr, Pa.





Ornamental Railings to be Mounted on Walls.

Above—Design No. 210, along the front of Mr. George Miller's home, Walnut Street, Philadelphia.

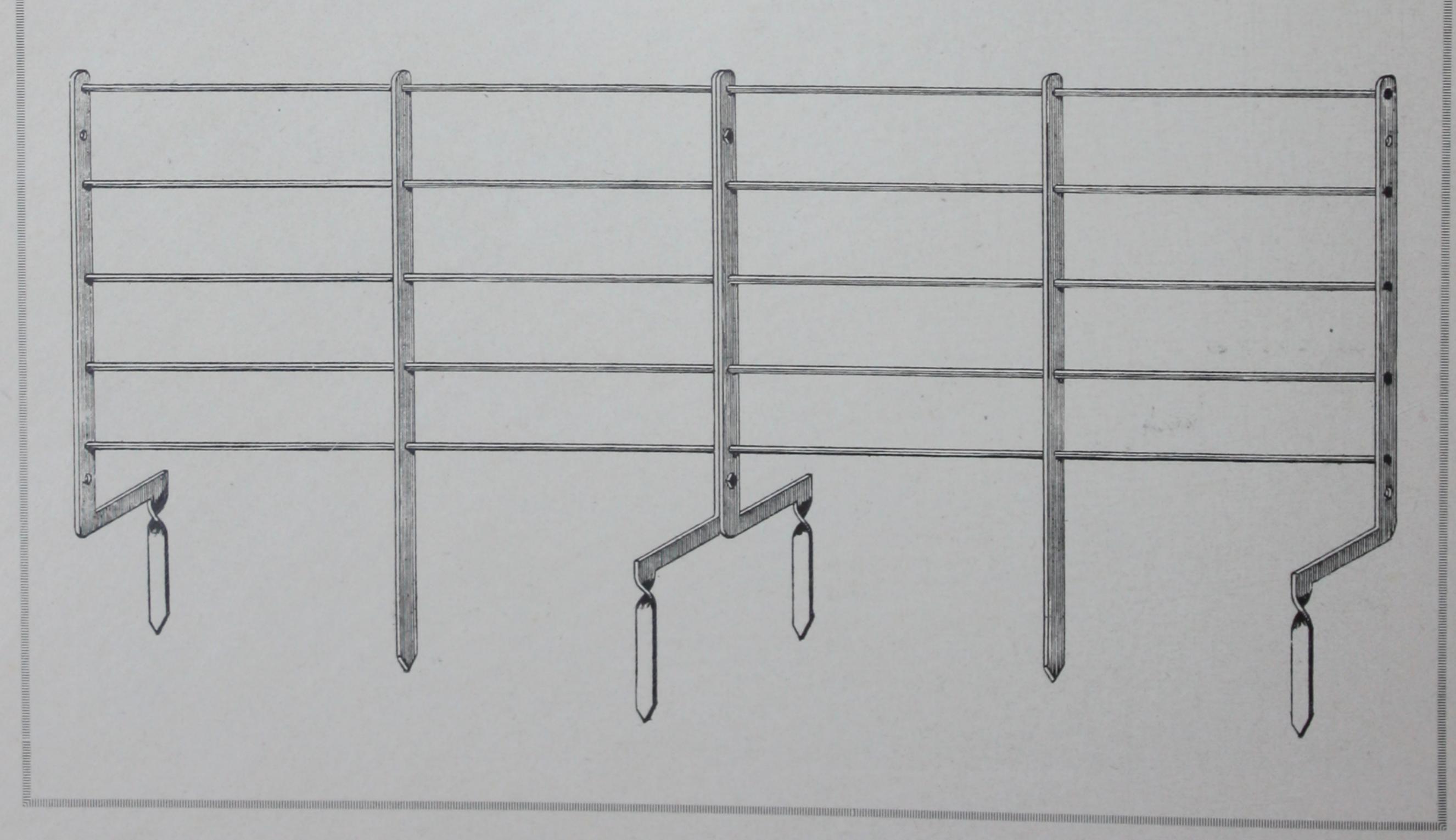
Below—Design No. 211, erected along Walnut Street, Philadelphia, for Mr. Joseph T. Richards.





English Hurdle Fence.

A line of standard 5-bar fence, Design No. 32, erected for Miss Bertha M. Black, Bryn Mawr, Pa.



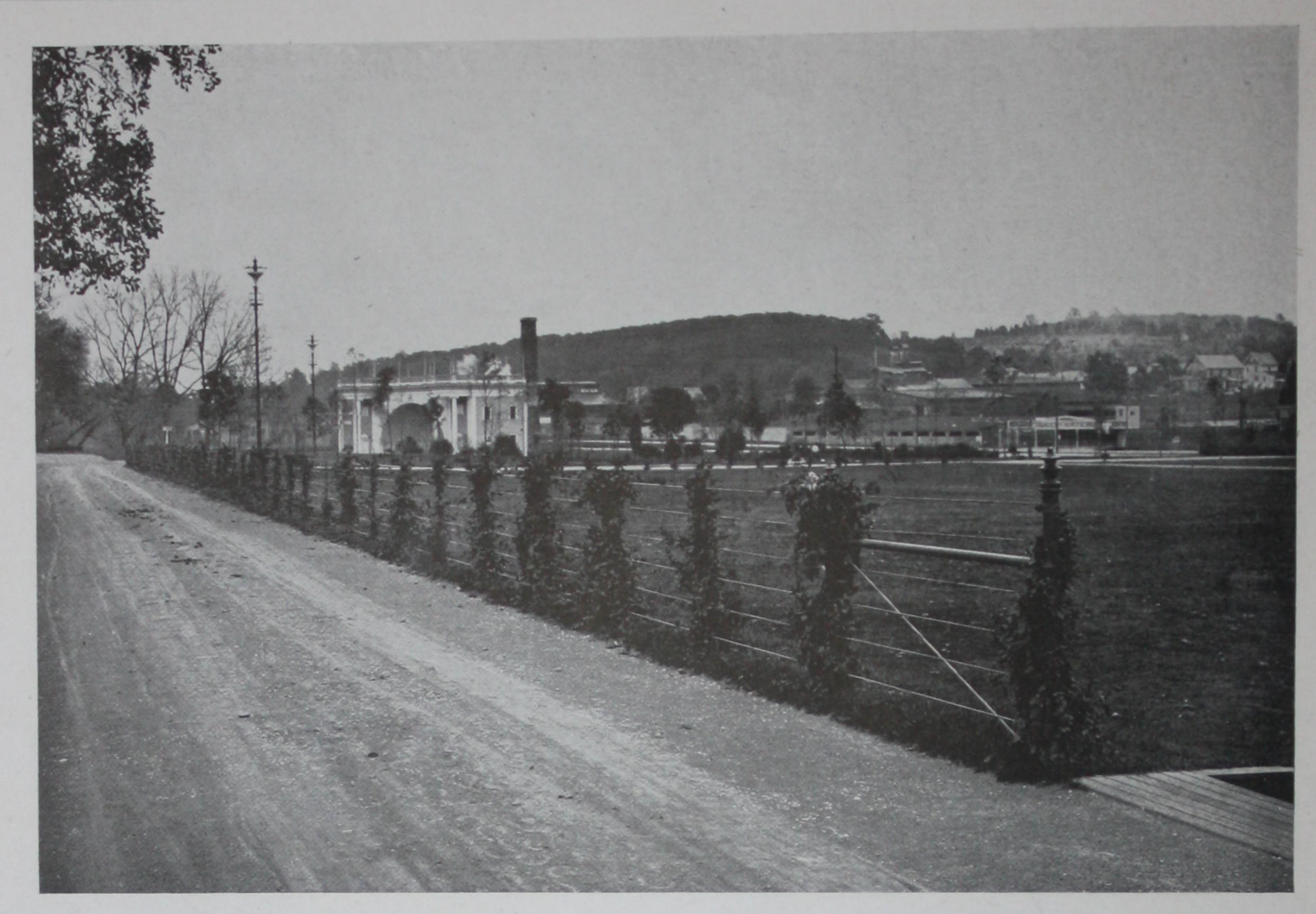


Hurdle Fence along Mr. Robert L. Montgomery's drive, Ithan, Pa.

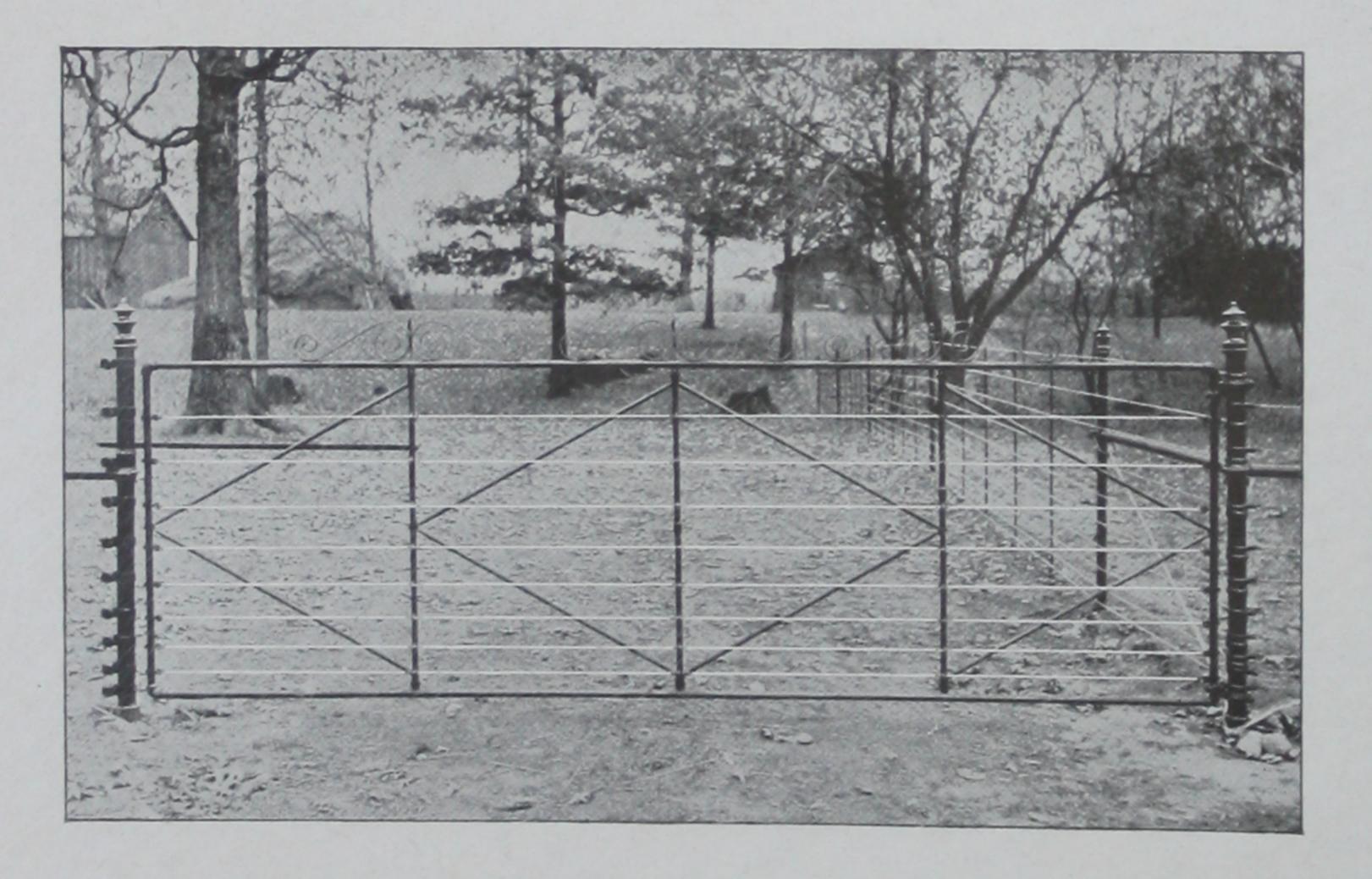


A tree guard made of standard hurdle panels.

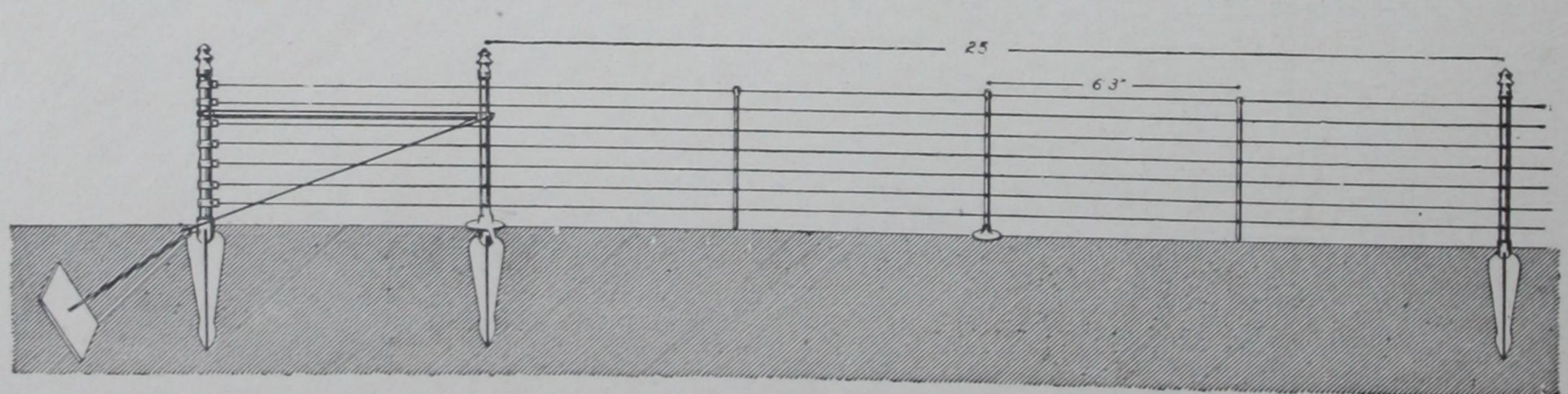
ENGLISH HURDLE FENCE is an attractive, durable and inexpensive iron fence suitable for rural properties. In erection, no digging is required, as the posts are driven into the ground, making the fence rigid. The standard fence is 4 feet high, has 5 bars and comes in panels 6 feet 6 inches long, as shown on the opposite page. This construction makes it easy to take down and re-erect without the aid of an expert. We have erected many miles of hurdle fence during the past few years.



Wayne Iron Works Cable Fence at Willow Grove Park, near Philadelphia.



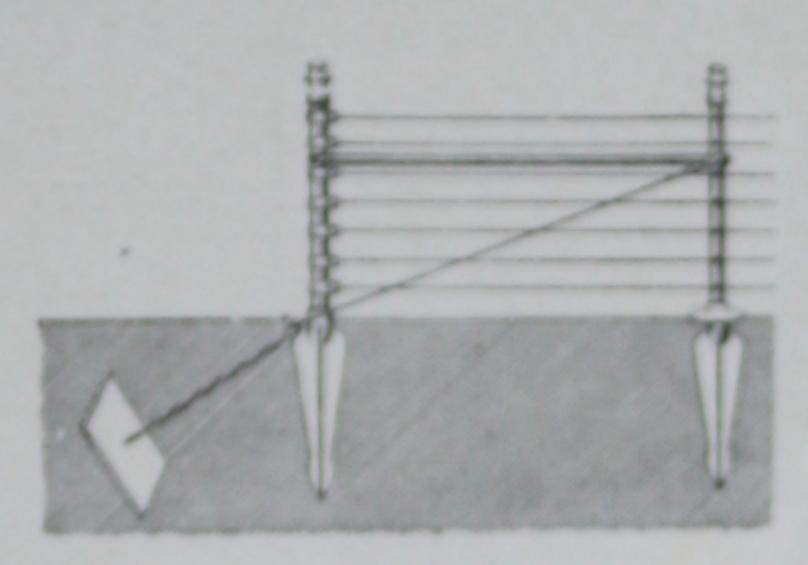
Cable Fence is especially suited to suburban properties. We furnish the three designs shown on these pages, either 3 feet 6 inches or 4 feet high.



Standard Cable Fence, Design No. 220.



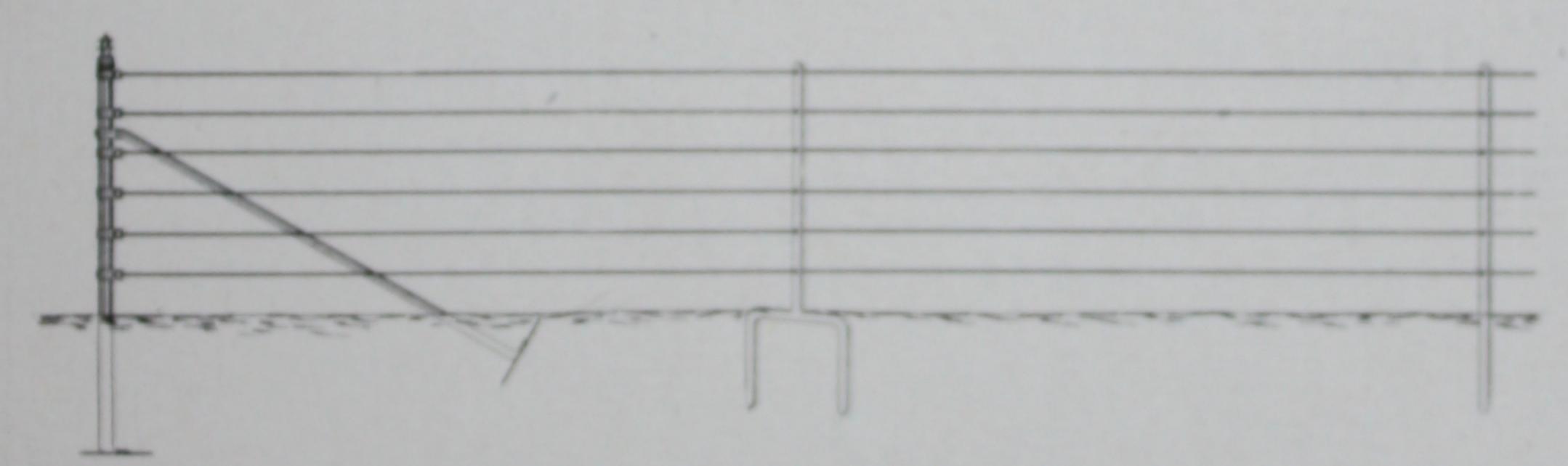
In a cable fence the end or straining posts are most important. The cut shows our method of anchoring such posts, making them firm and unyielding.



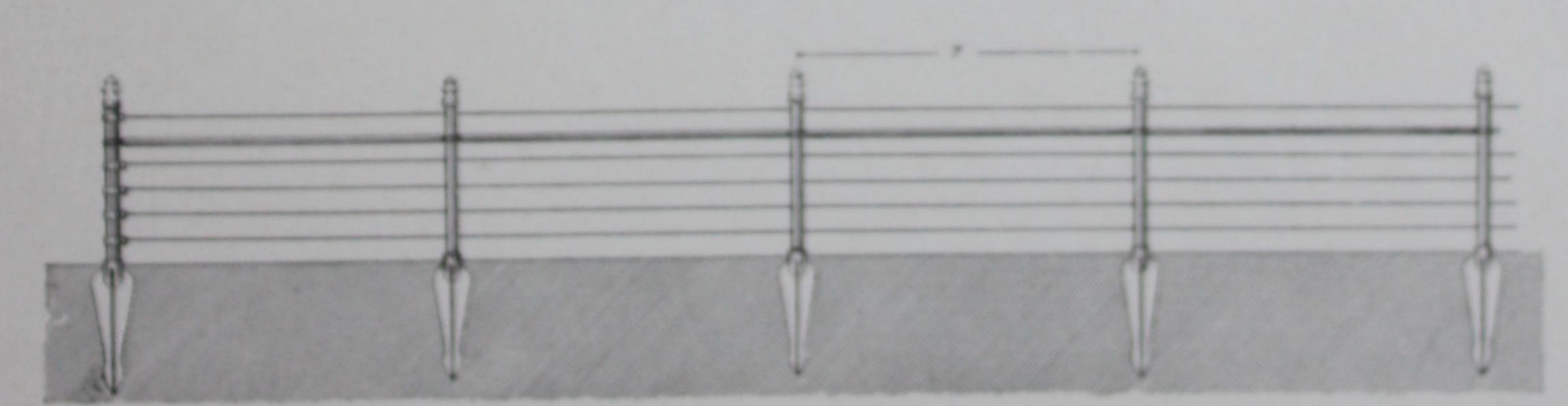


Full Size Double Galvanized Cable.

The cables are kept taut by means of ratchet governors on the end posts.



Flat Post Cable Fence, Design No. 221.



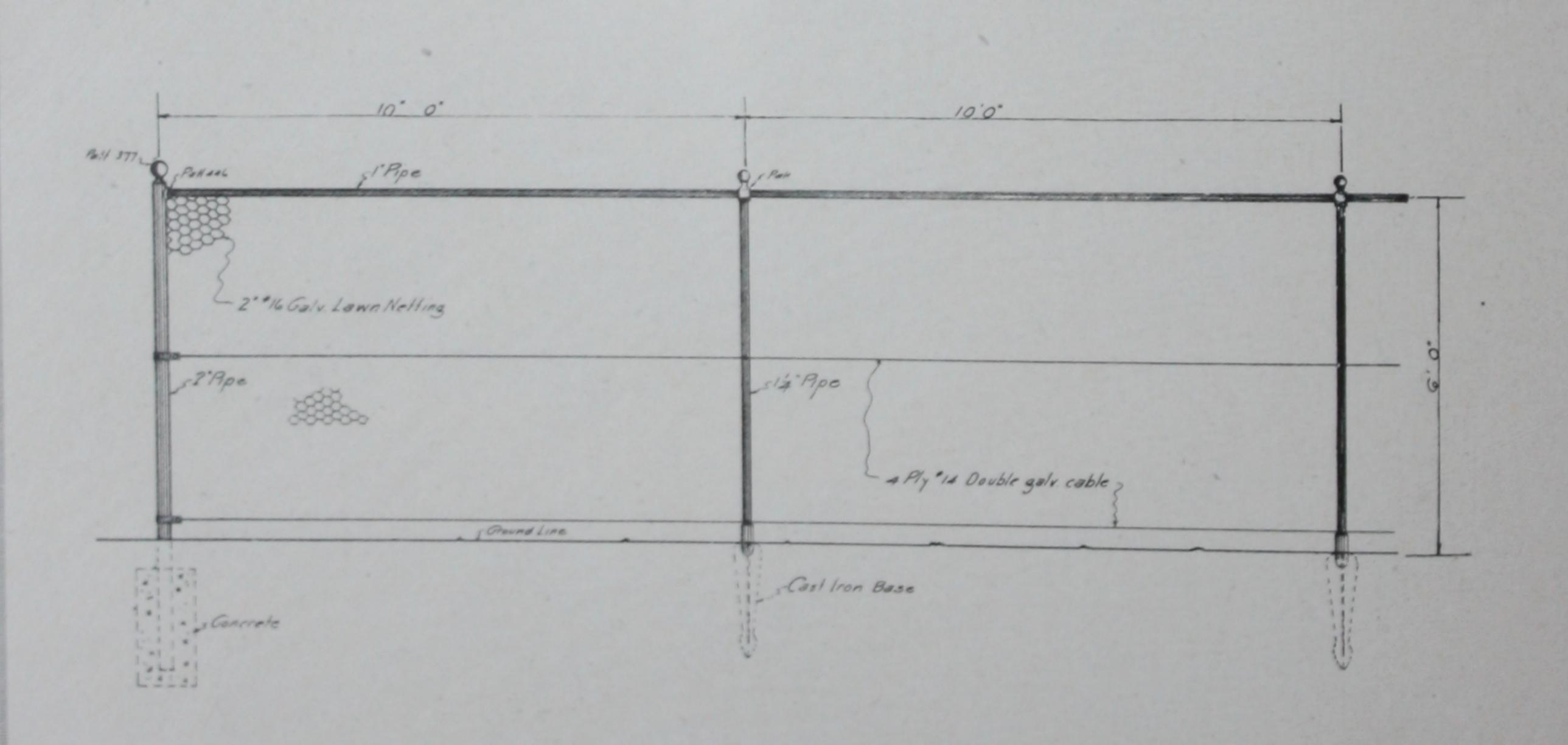
Combined Rail and Cable Fence, Design No. 222.

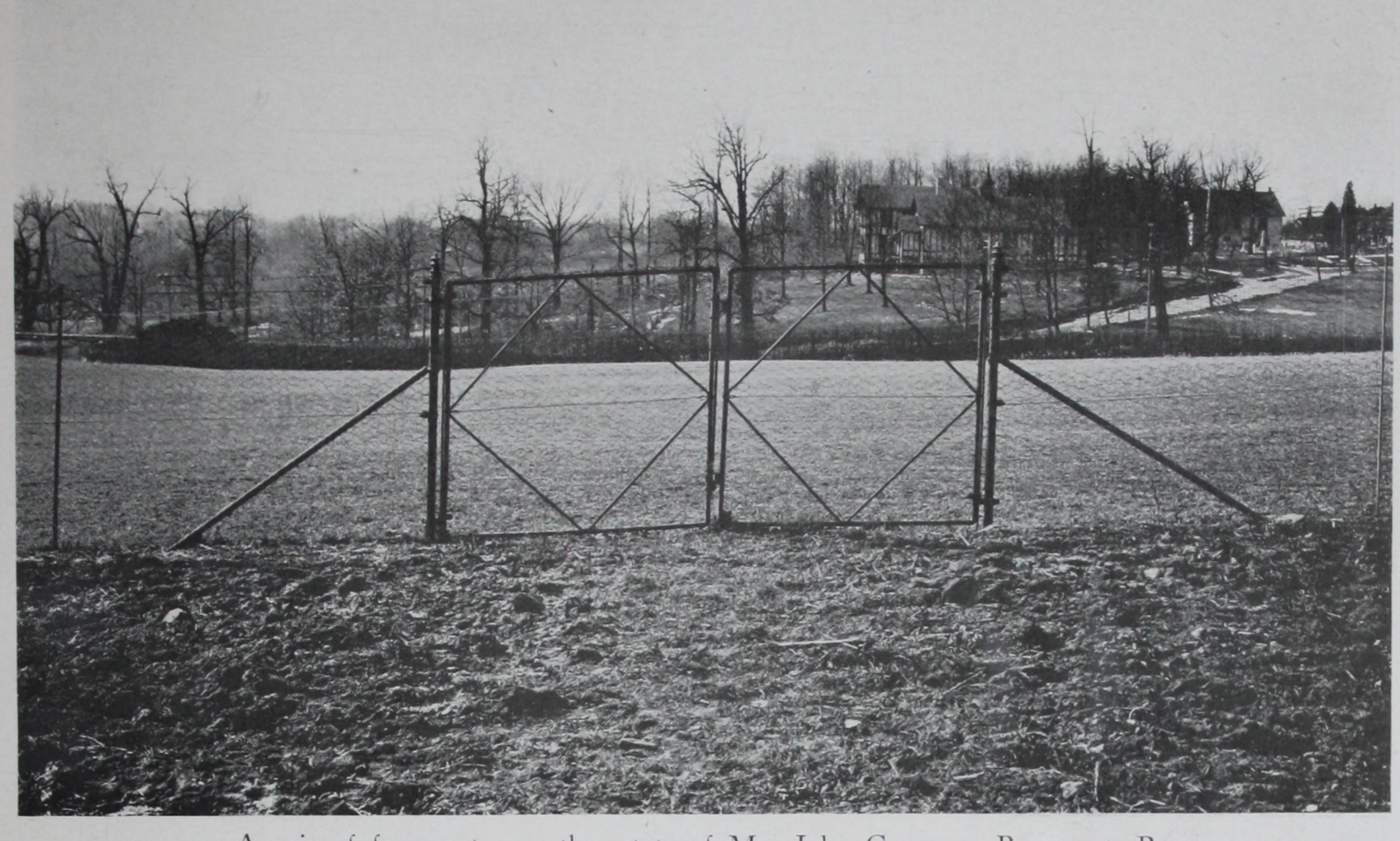


Poultry and Garden Fence.

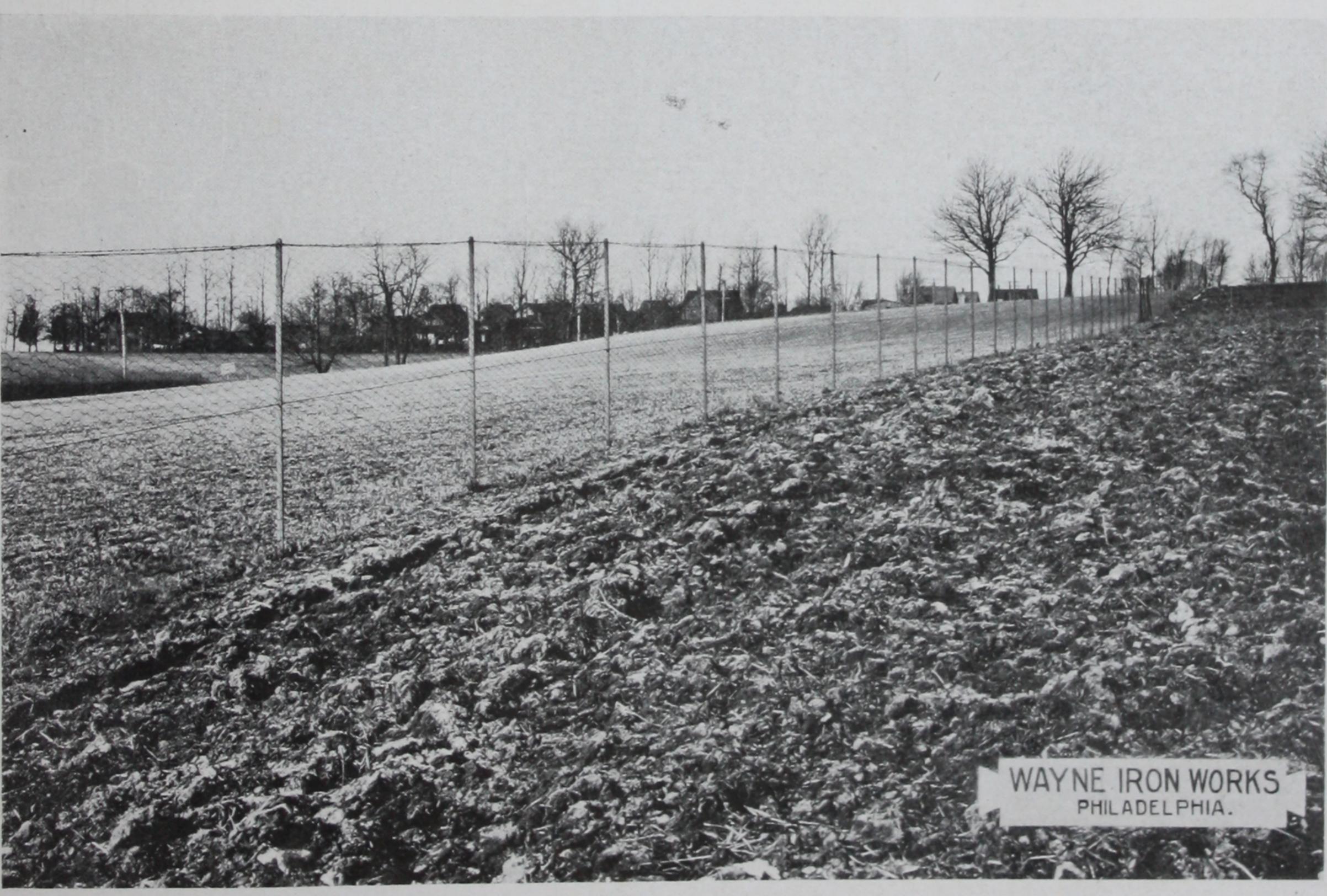
A substantial and neat design, No. 88, erected for Mr. Wm. L. Austin, Rosemont, Pa.

Specifications shown below.





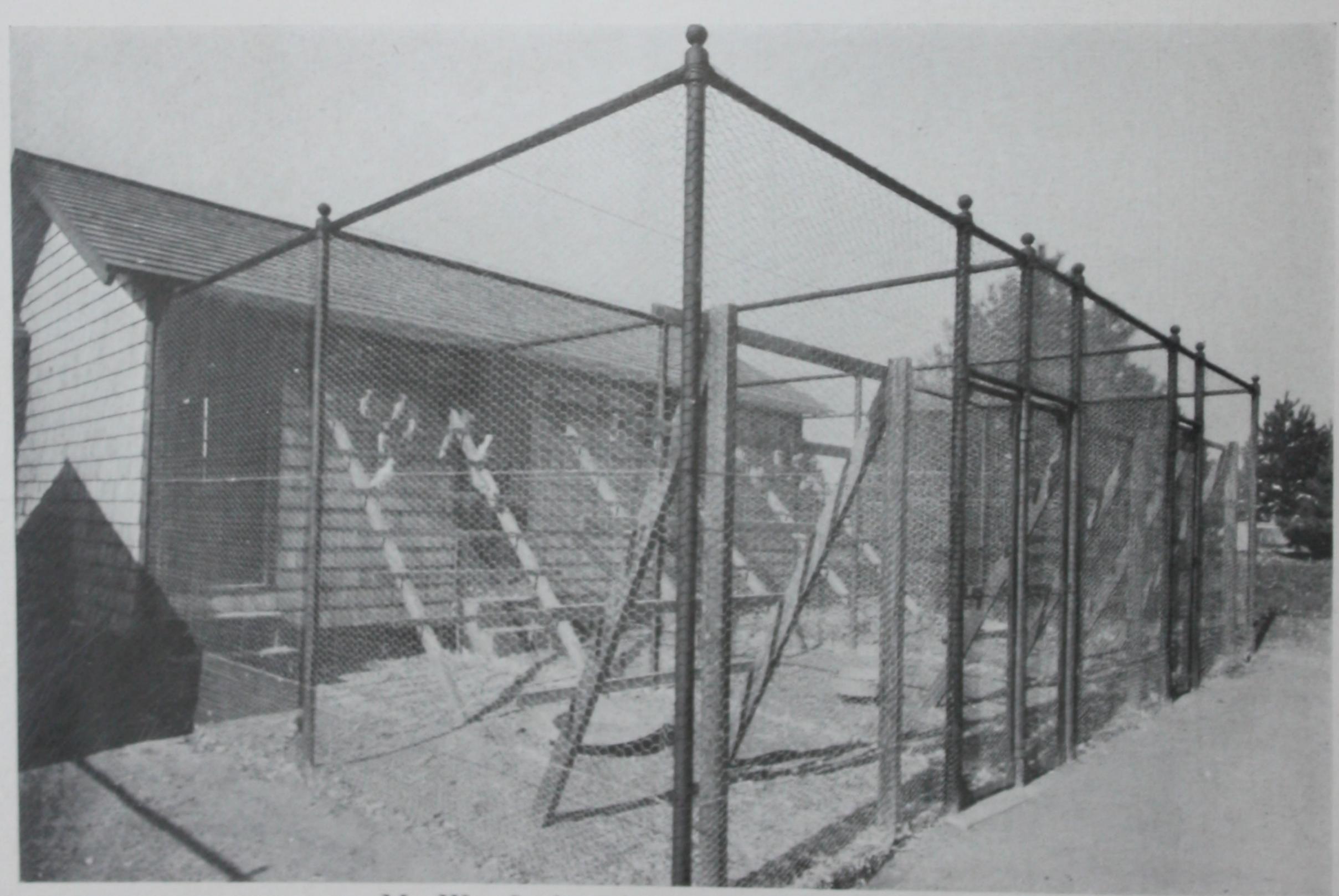
A pair of farm gates on the estate of Mr. John Converse, Rosemont, Pa.



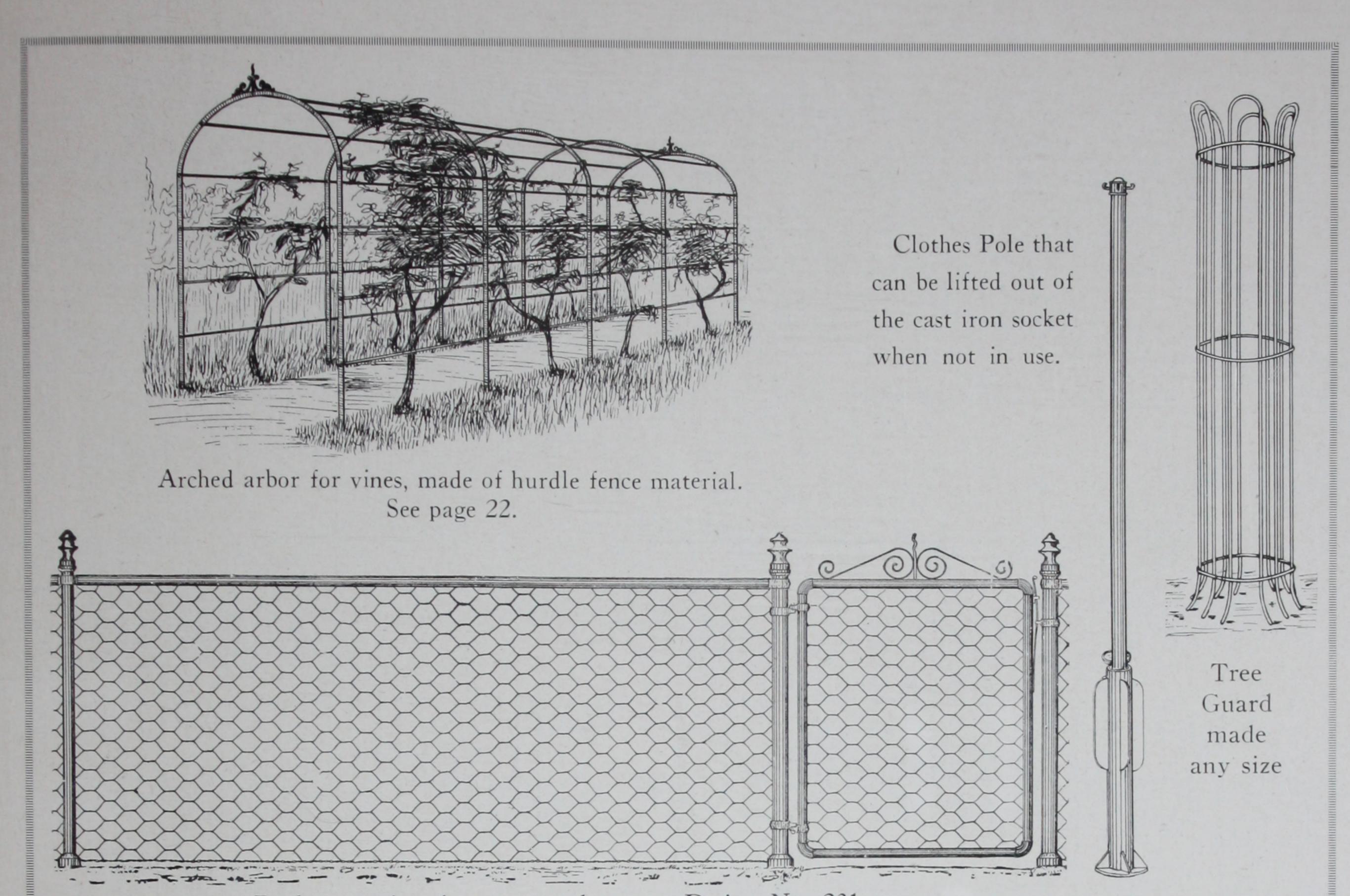
Design No. 230, an inexpensive but efficient protection for a garden. Erected for Mr. John Converse, Rosemont, Pa.



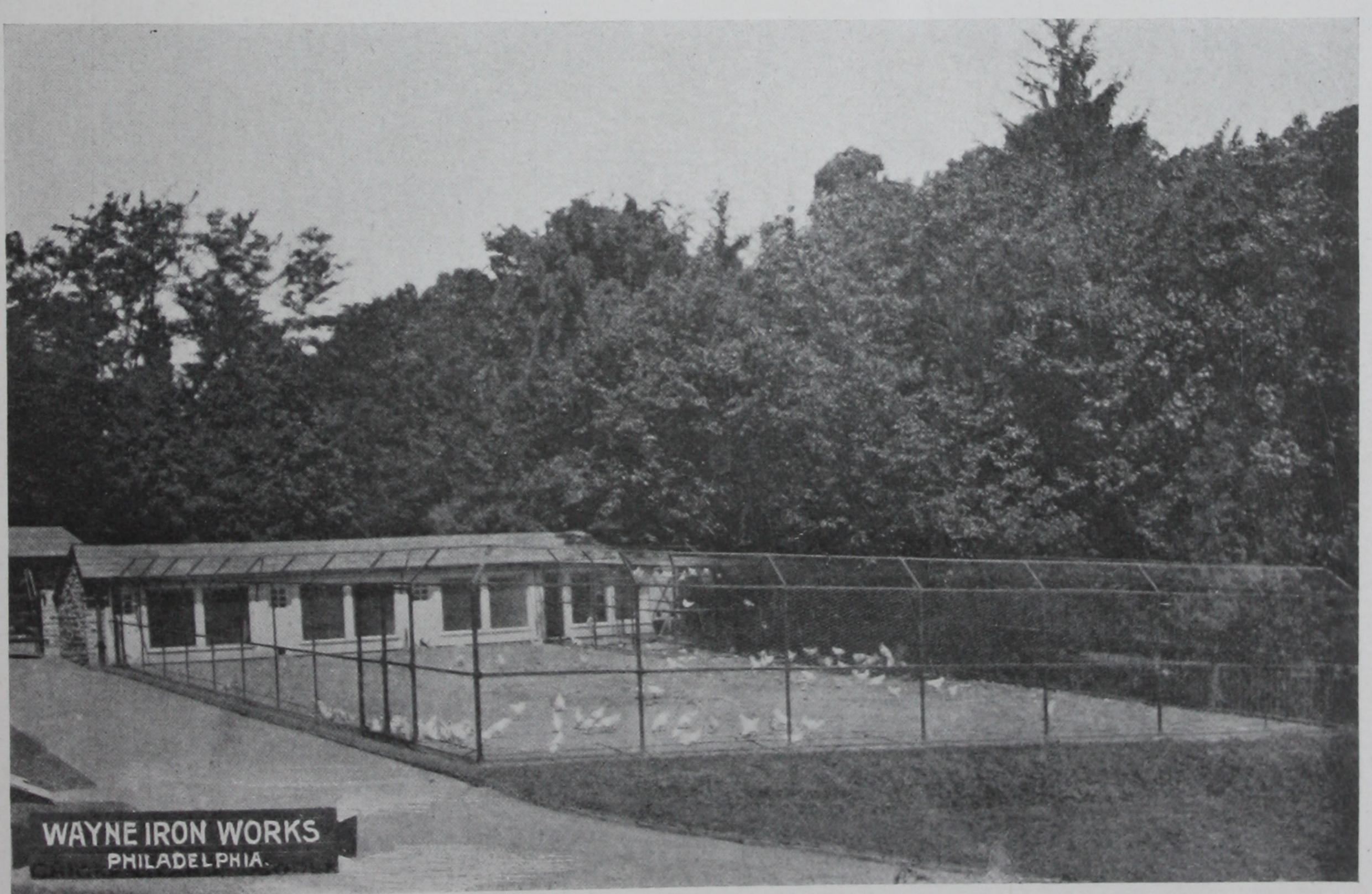
A chain link enclosure for a dog kennel. Built for Mr. John T. Windrim, Devon, Pa. For information regarding chain link, see pages 48 to 51.



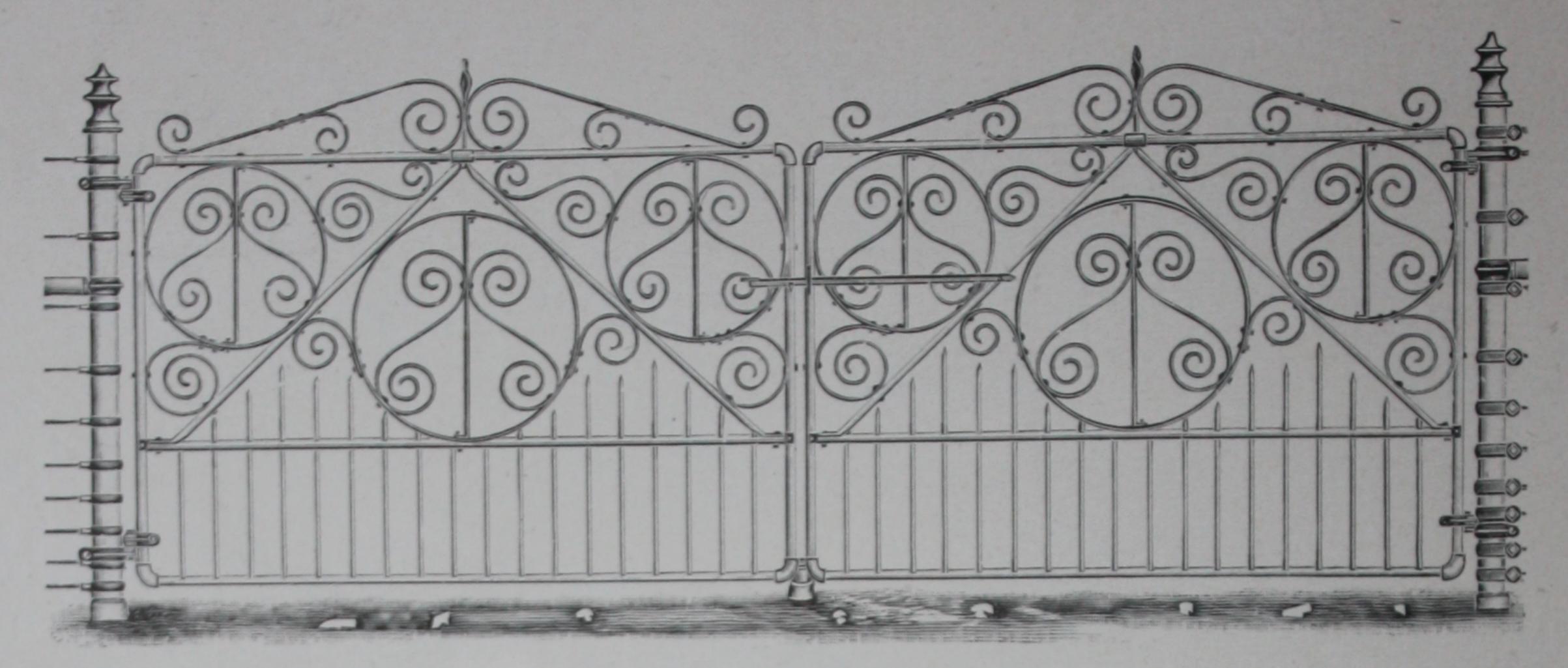
Mr. Wm. L. Austin's pigeon cote, Rosemont, Pa.



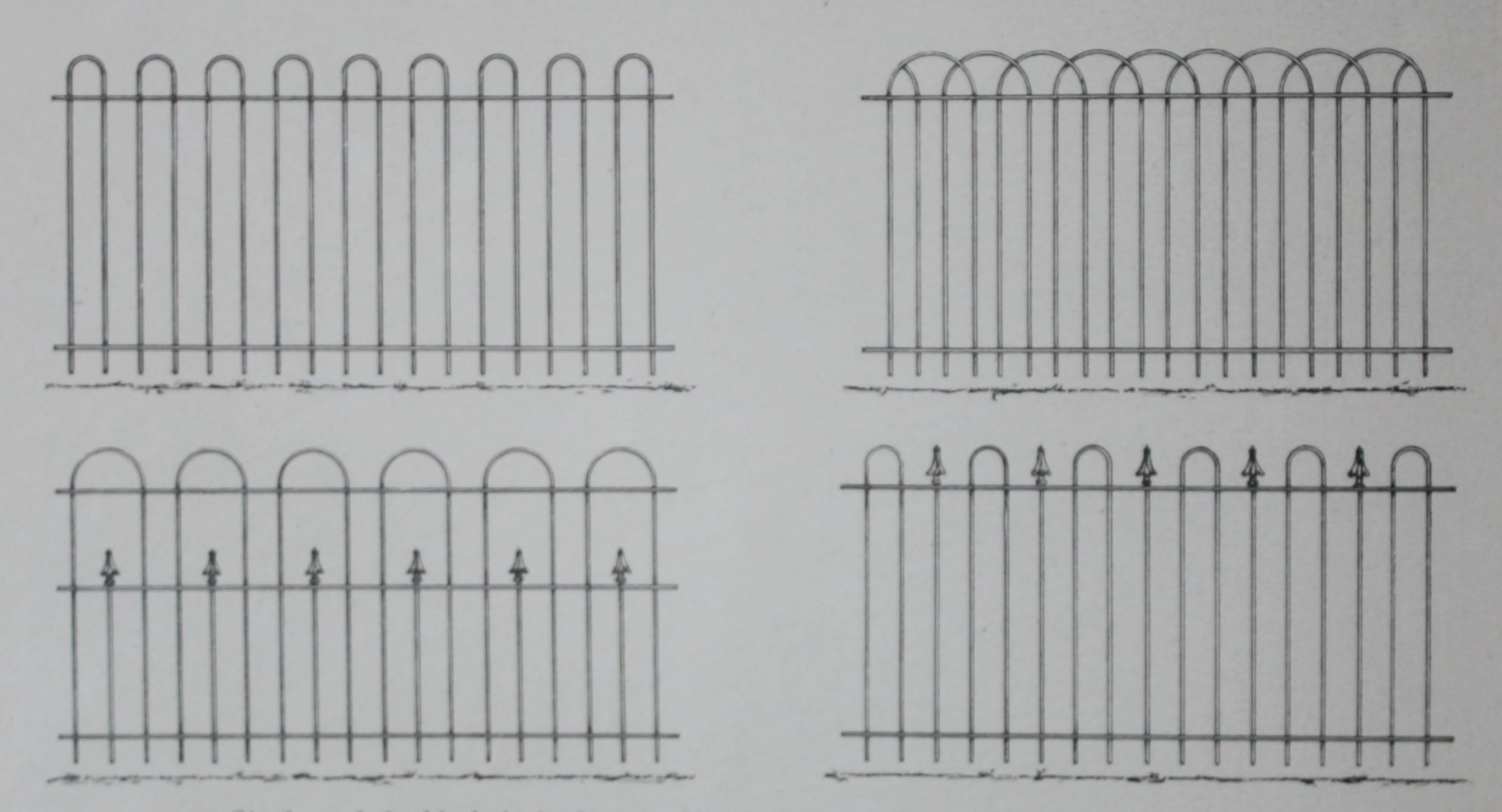
Poultry netting fence on steel posts. Design No. 231.
Suitable for poultry yard or garden enclosure. Made any height and of any size wire and mesh.



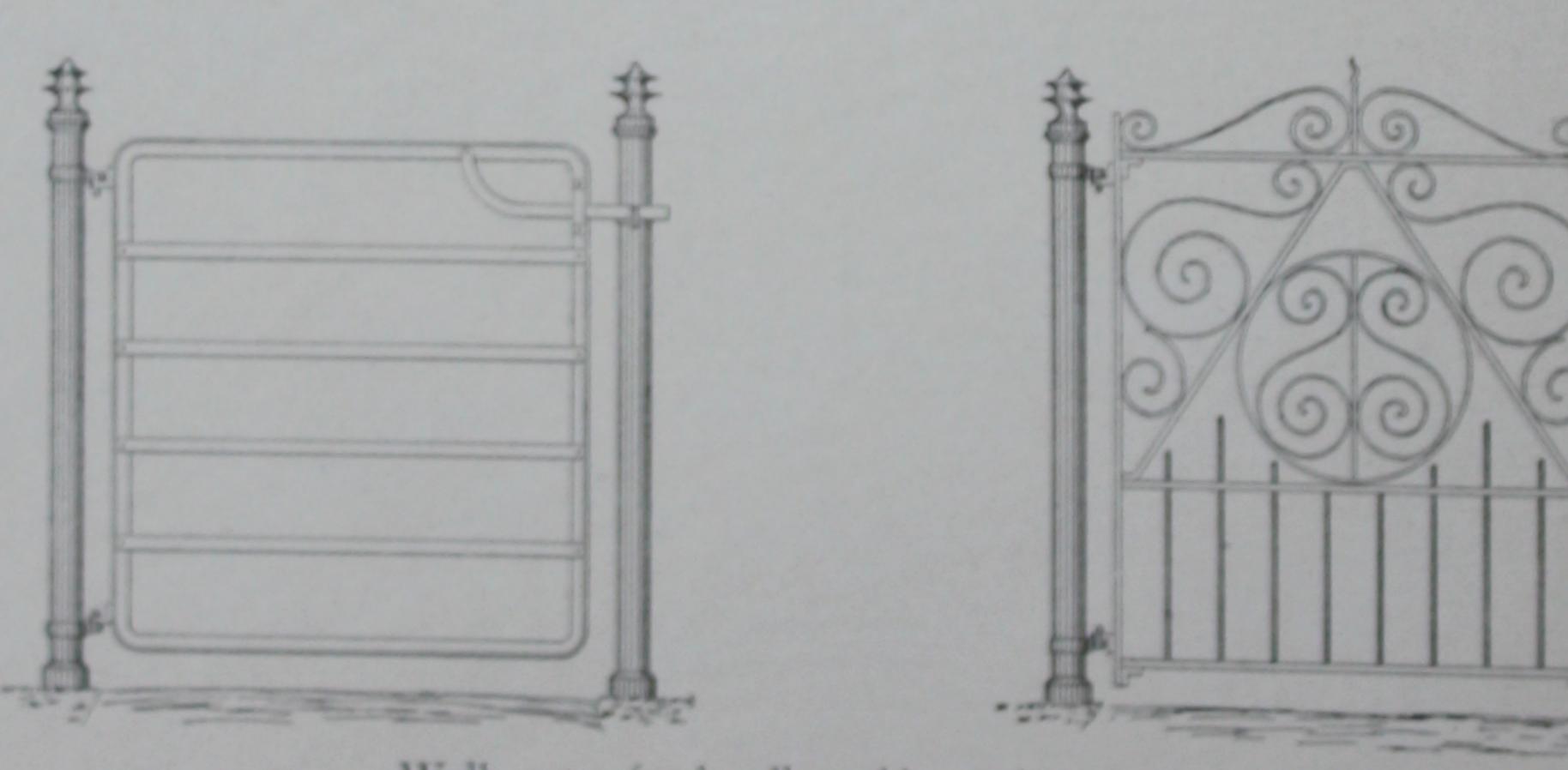
Poultry yard enclosure erected for Mr. Thomas P. Hunter, at Haverford, Pa. Design No. 232.



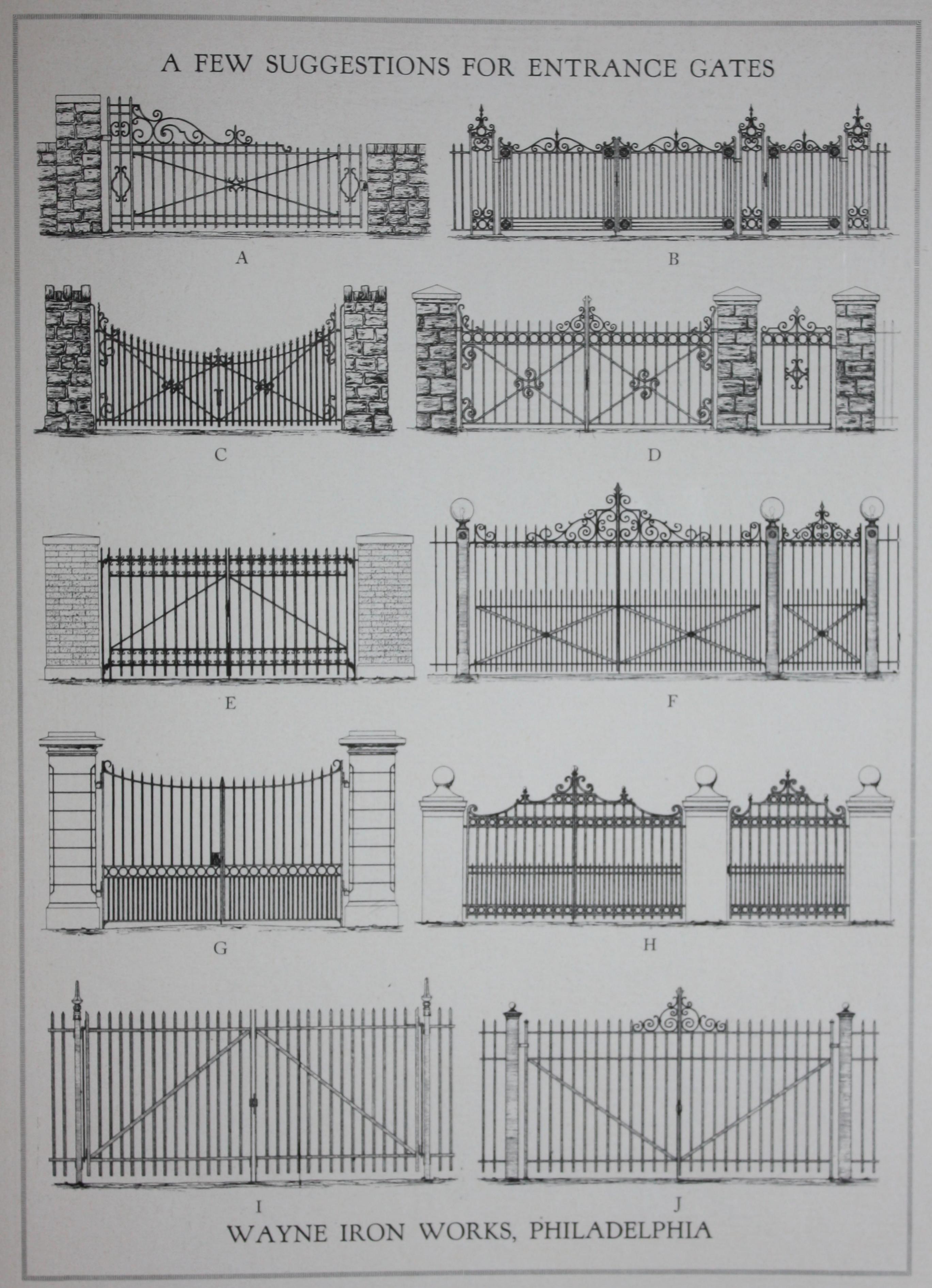
Drive gates designed for use with hurdle, cable, or hairpin fences.

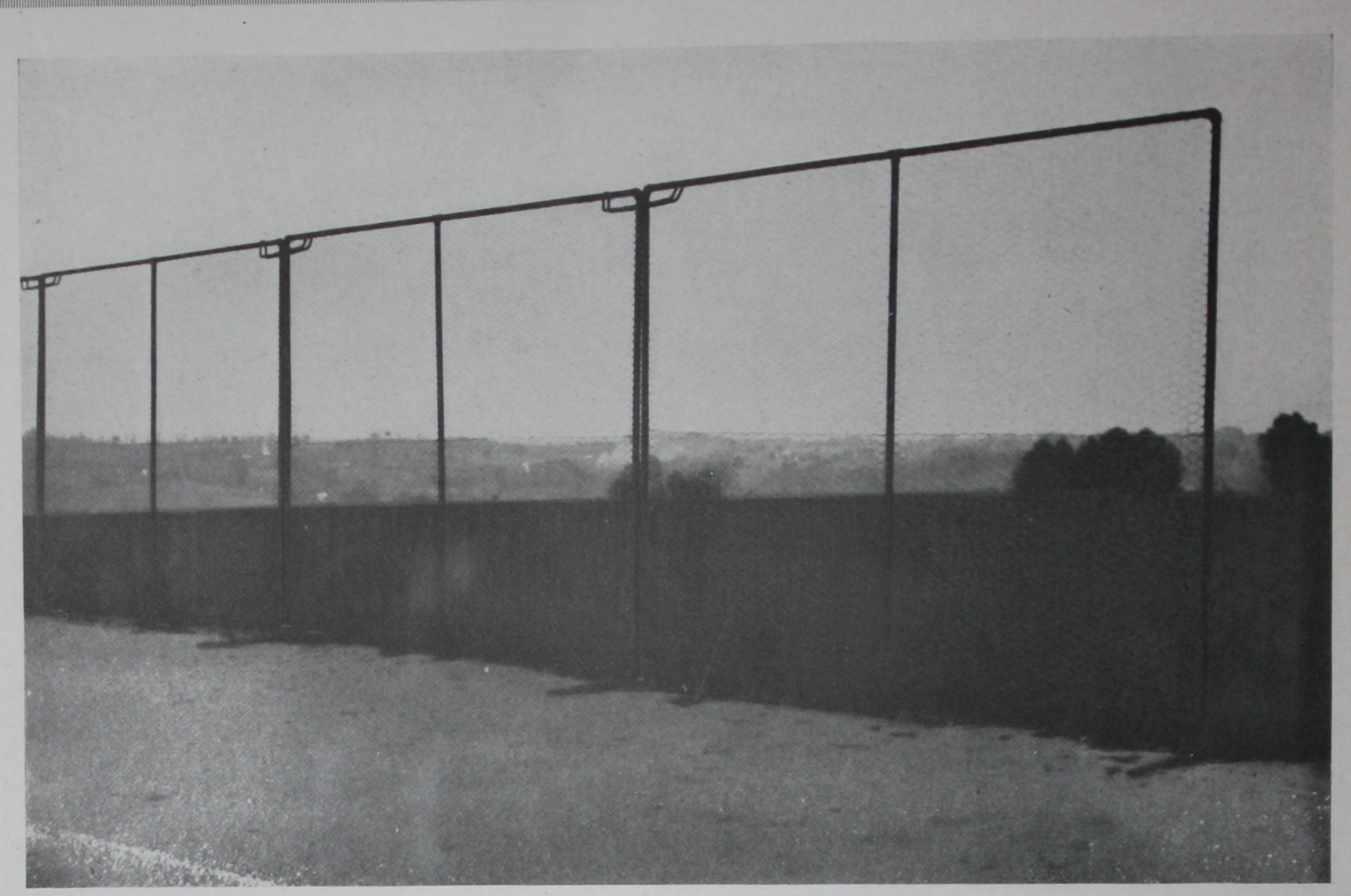


Single and double hairpin fences. We build these fences any height or spacing.



Walk gates for hurdle, cable, or hairpin fences.

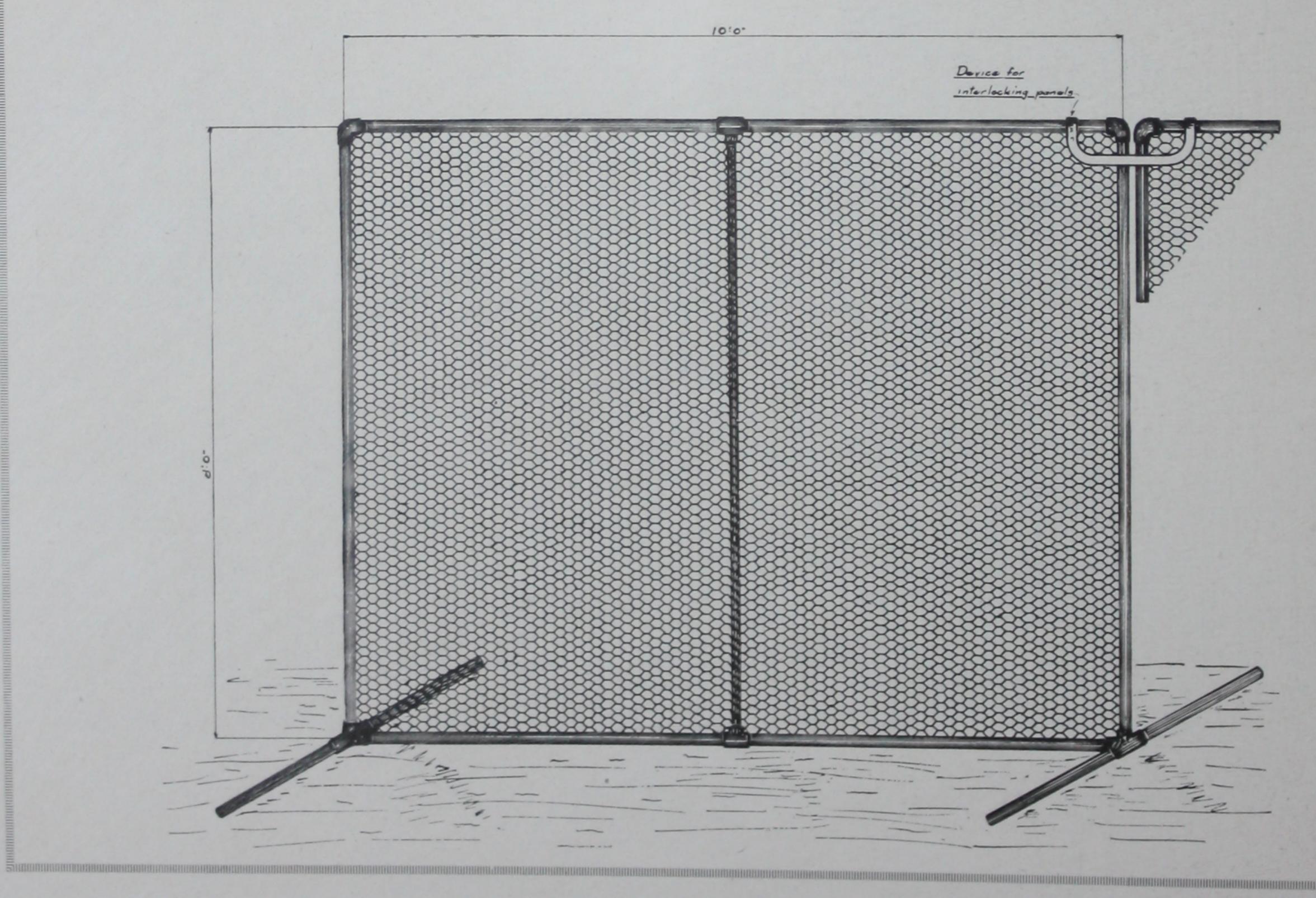


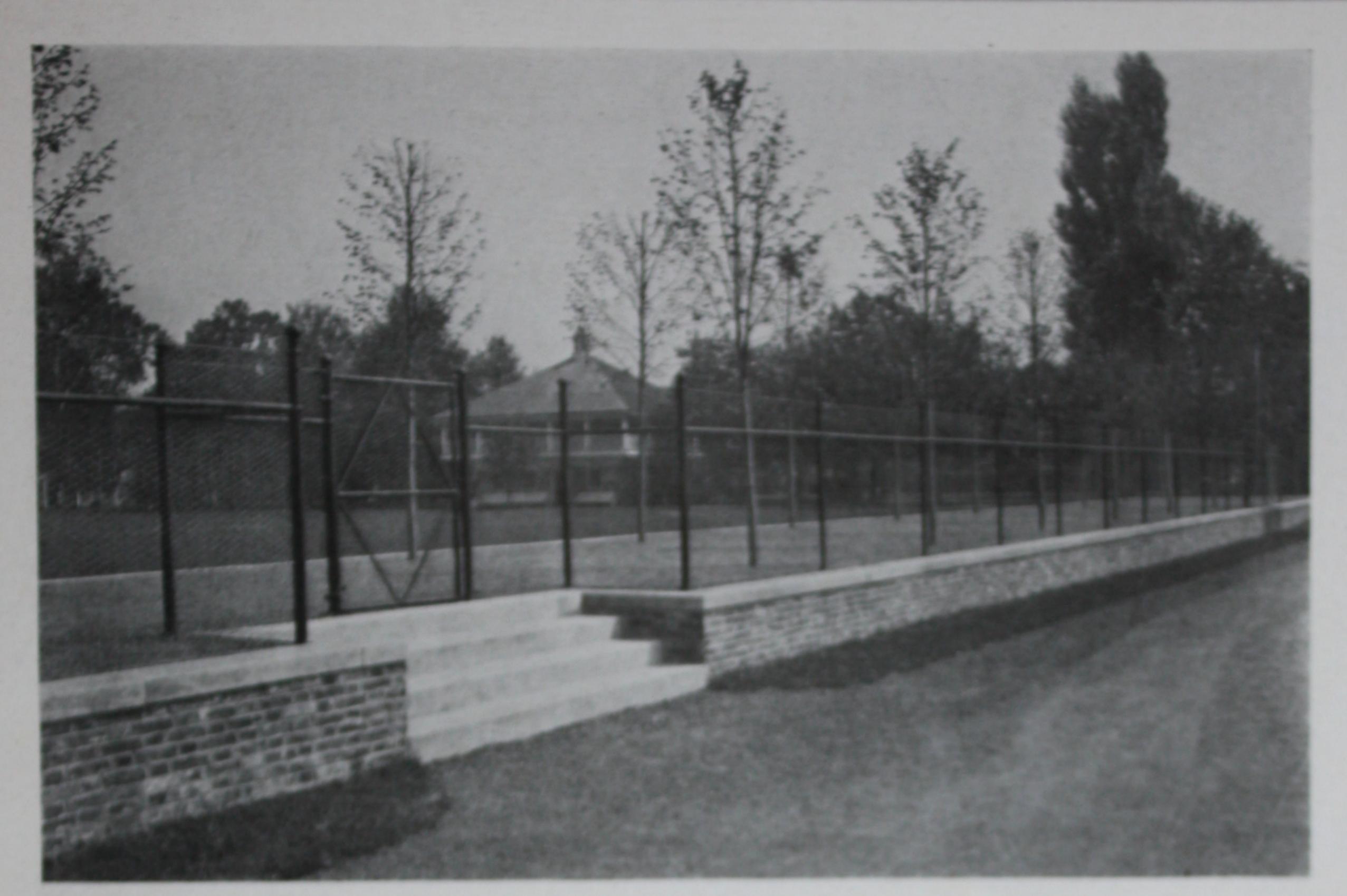


Mr. Samuel Rea's tennis court at Gladwyn, Pa.

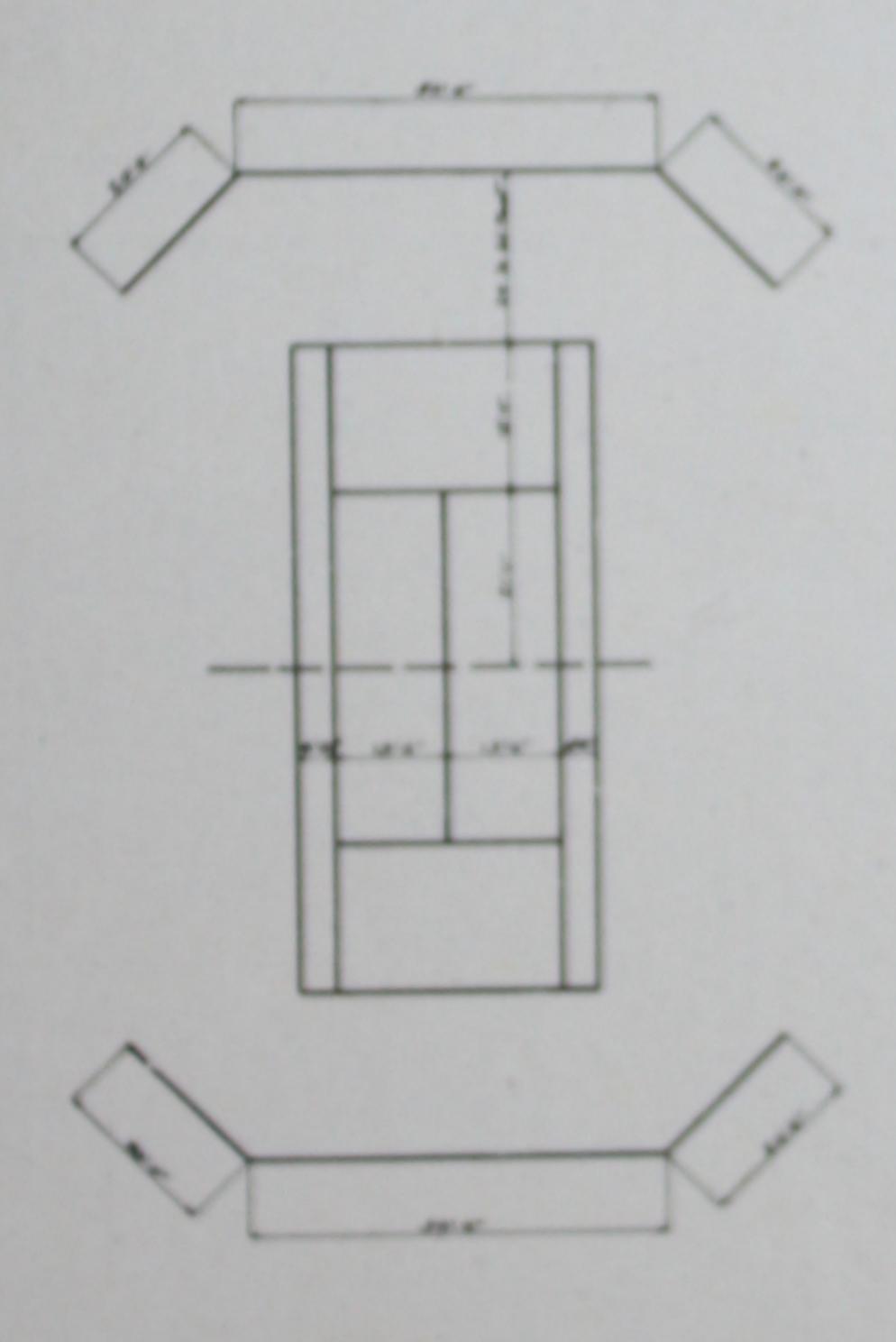
Movable Tennis Court Backstop—Design No. 17.

Made of Steel pipe frame and galvanized wire netting. Standard panels are ten feet long and eight feet high, this being a convenient size to handle. An interlocking yoke is furnished, making the panels rigid when erected.





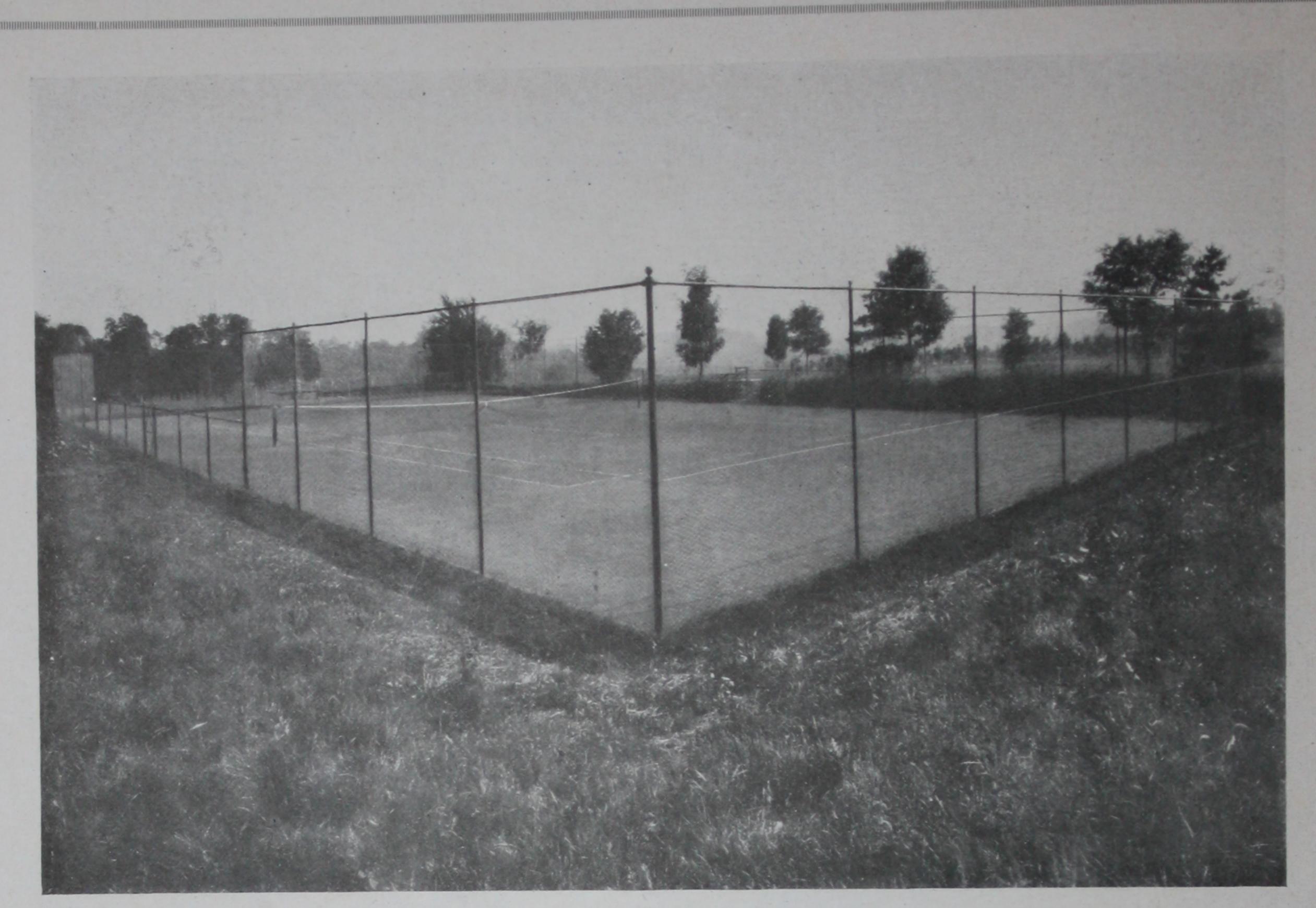
Backstop for the tennis courts of the Germantown Cricket Club.



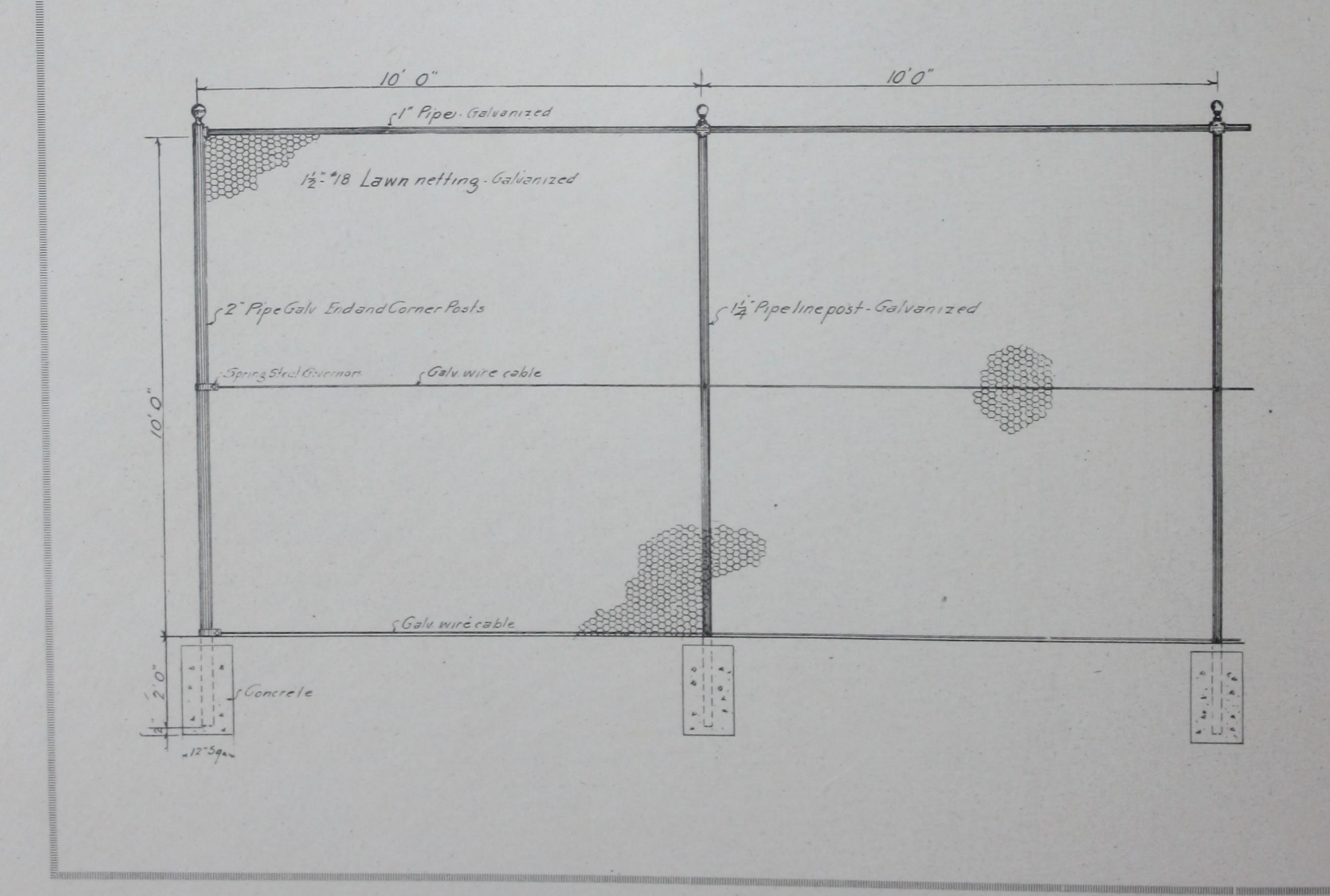
PLANE DE TROUBE CONTE DONNE.

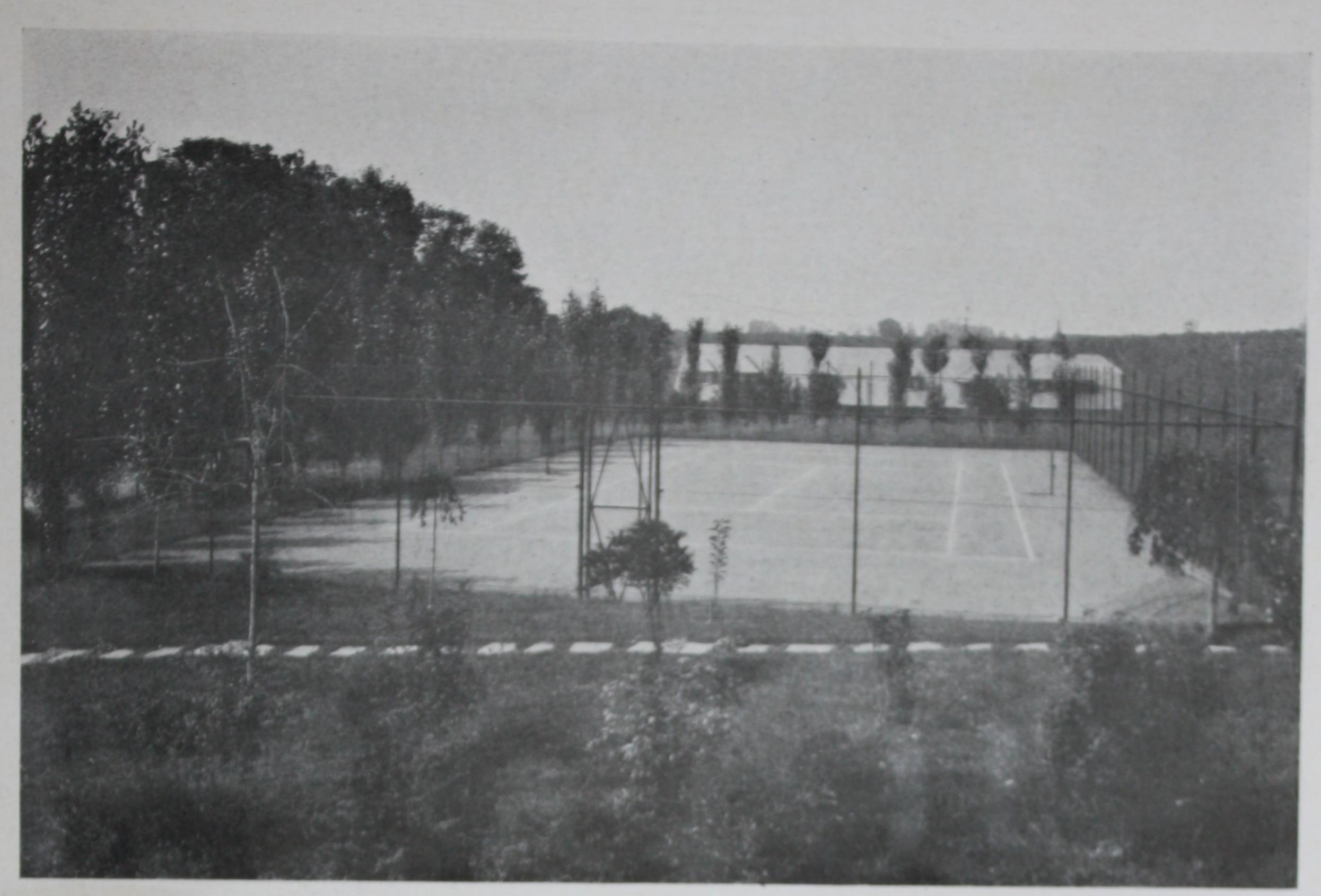
### TENNIS COURT ENCLOSURES

has furnished backstops or enclosures, either movable or permanent for a large number of Tennis Courts. Two of our designs for permanent enclosures are shown on the next two pages.



A tennis court enclosure, Design No. 63, built for Mr. Robert L. Montgomery. Specifications shown below.





Tennis court of Mr. Wm. L. Austin, Rosemont, Pa. Design No. 30.



Combined tennis and outdoor squash court enclosure made for Mr. Henry Frazer Harris, Chestnut Hill, Pa.

# A FEW OF OUR SUBURBAN CUSTOMERS

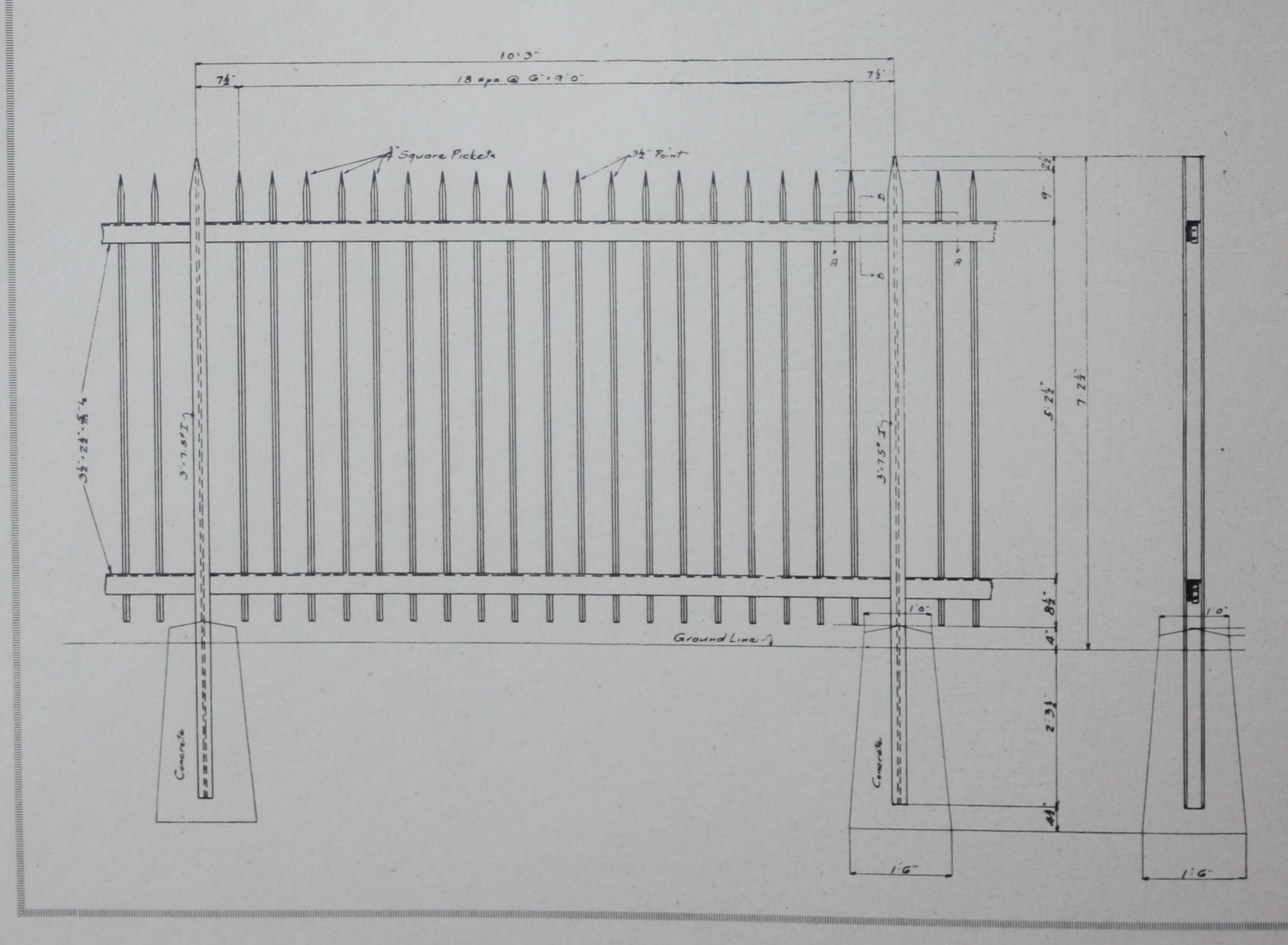
	P. C. P. I. I. I. P.III.
MIT. E. C. Converse	Est. of Rudulph Ellis
WII. W. IX. Validerbile	Mr. Wm. S. Ellis
MIS. C. II. HOWEH	Mr. Isaac Norris
Est. of Wm. L. Elkins Qgontz Pa.	Mr. J. N. Pew Bryn Mawr, Pa.
Est. of Wm. L. Elkins	Mrs. Francis L. Potts
W. T. B. Roberts & Son	Mr. Robert Strawbridge
Mr. Morton Snellenburg	Mr. Henry P. Vaux
Mr. W. L. Biddle	Mrs. Chas. Wheeler
Mr. Francis E. Bond	Mr. Wm. L. Austin
Mr. H. P. McKean Ingersoll Penlyn, Pa.	Mr. R. K. Cassatt
Mr. Henry P. McKean	Mr. John W. Converse
Mr. George W. Norris	Mr. Alba B. Johnson
Mr. Montgomery Smith Germantown, Pa.	Mr. George H. McFadden Rosemont, Pa.
Dr. George WoodwardSt. Martins, Pa.	Mr. George McFadden
Mr. George Bodine	Mr. J. Frank McFadden
Mr. Henry A. Laughlin	Mr. J. H. Supplee
Est. of John T. Morris Chestnut Hill, Pa.	Mr. W. W. Fitler
Est. of John 1. Morris	Mr. H. S. Kerbaugh
Mr. Randal Morgan White March Pa	Mrs. J. G. Klemm
	Mr. Edwin F. Saxman
Est. of George B. Roberts Bala, Pa.	
Mr. Isaac W. Roberts	Mr. John C. Bell
Mr. Samuel Rea	Mr. H. A. Berwind
The Girard Estate	Mrs. J. Ogden Hoffman
	Mr. Paul D. Mills
Mr. George Miller	
	Est. of J. W. Paul
Mr. Chas. H. Harding	Mr. A. J. Drexel Paul
Mr. T. Williams Roberts	Mr. Lewis A. Riley
	Mrs. B. F. Clyde
Mr. M. W. Young	Mr. Robert L. Montgomery Ithan, Pa.
Mr. M. J. McMenamin	Est. of Joseph M. Wilcox
	Mr. Wm. Henry Sayen
Mrs. A. B. C. DeHaven	Mr. Lewis Nellson
· · · · · · · · · · · · · · · · · · ·	Mrs. Thomas Leaming
Mr. C. H. Ludington	
Mr. W. D. Windsor	Mr. Edward F. BealeStrafford, Pa.
Dr. Archibald Thompson	Mr. W. H. Barnes
Dr. Archibald Thompson	Mr. J. Hampton Barnes
Mr. T. DeWitt Cuyler	Mr. C. C. Harrison
Est. of Clement A. Griscom	Mr. Edmond B. McCarthy Devon, Fa.
	Est. of Henry Wheelen, Jr.
Est. of Thomas P. Hunter	Mr. Wm. B. Wheelen
Mr. Horatio G. Lloyd	Mr. John T. Windrim
	Mr. Wm. H. FritzBerwyn, Pa.
Mr. Charles E. Mather	Mr. A. F. Huston
	Mrs. Albin Garrett
Mr. George W. Childs Drevel	Mr. C. W. Watson
Mr. George W. Childs Drexel	Mr. Thomas C. McCahanOcean City, N. J.

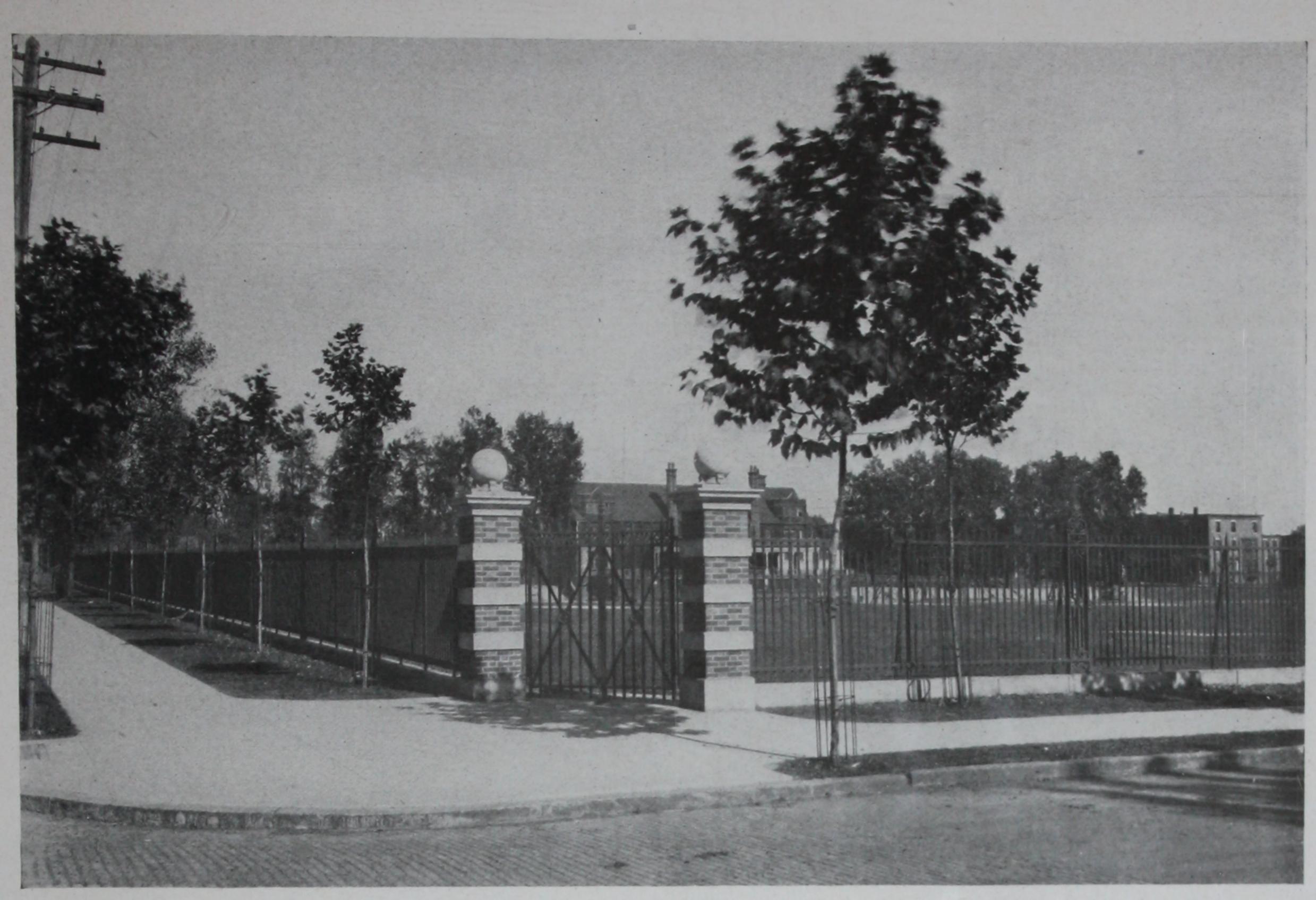
#### PART II

PROPERTY PROTECTION
FOR RAILROADS, FACTORIES,
ATHLETIC FIELDS AND
PLAYGROUNDS



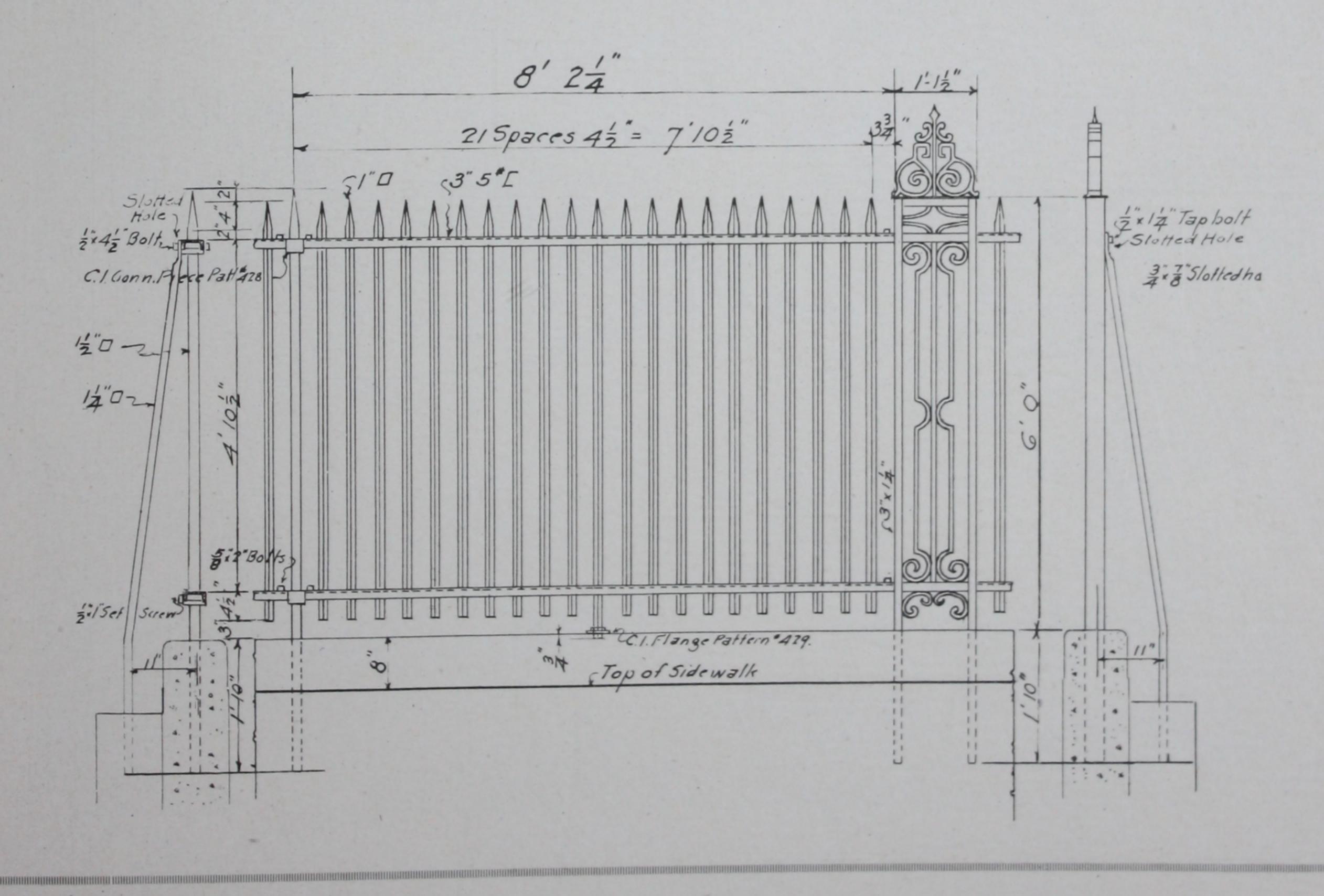
Seven foot high iron picket fence enclosing the "Sunnyside Yard" of the Pennsylvania Railroad Co., Long Island City, N. Y. Design No. 27. Specifications shown below.

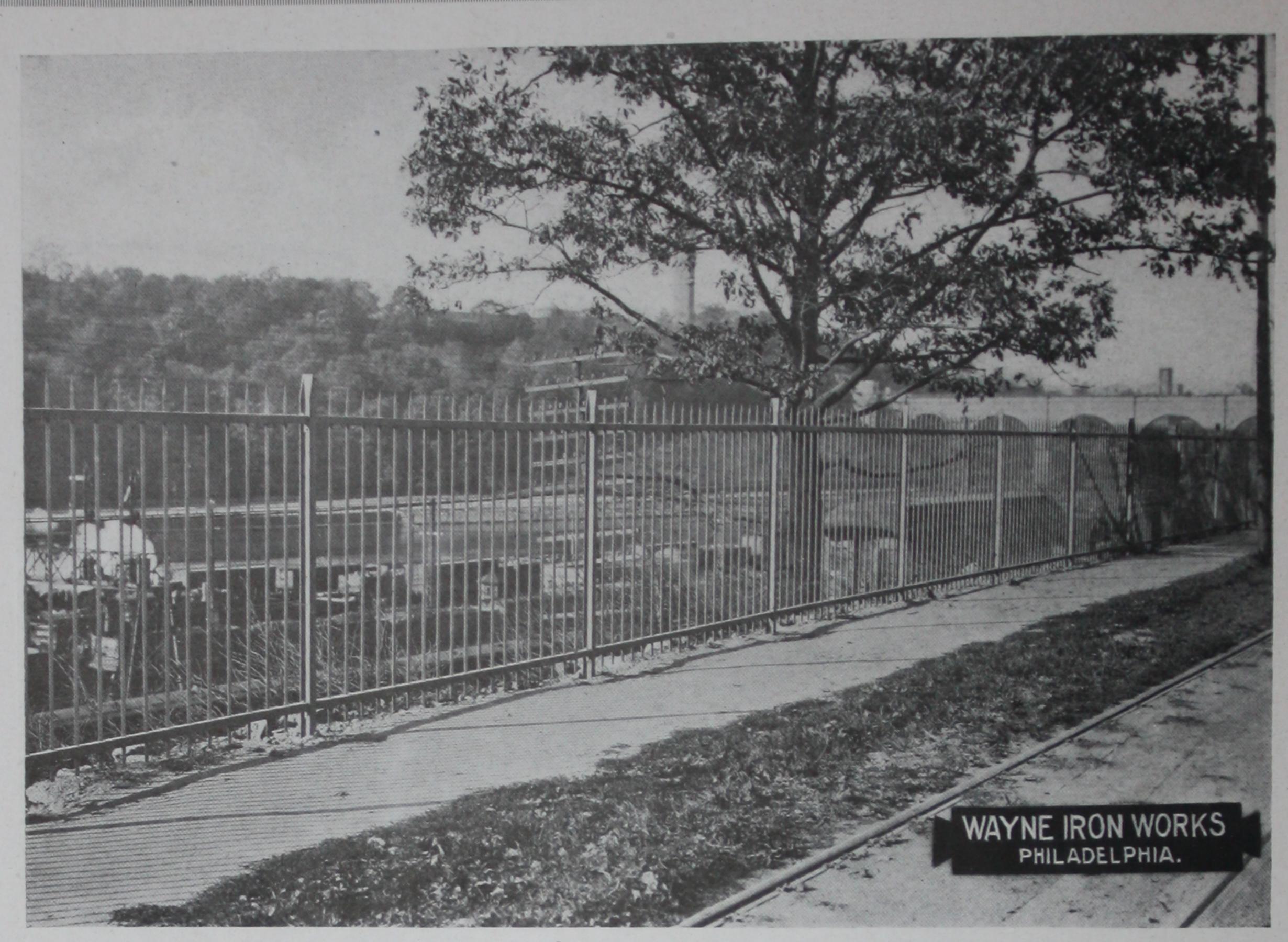




Six foot high picket fence with ornamental panel posts, Design No. 79, at Kingsessing Playground, 49th & Chester Ave., Phila.

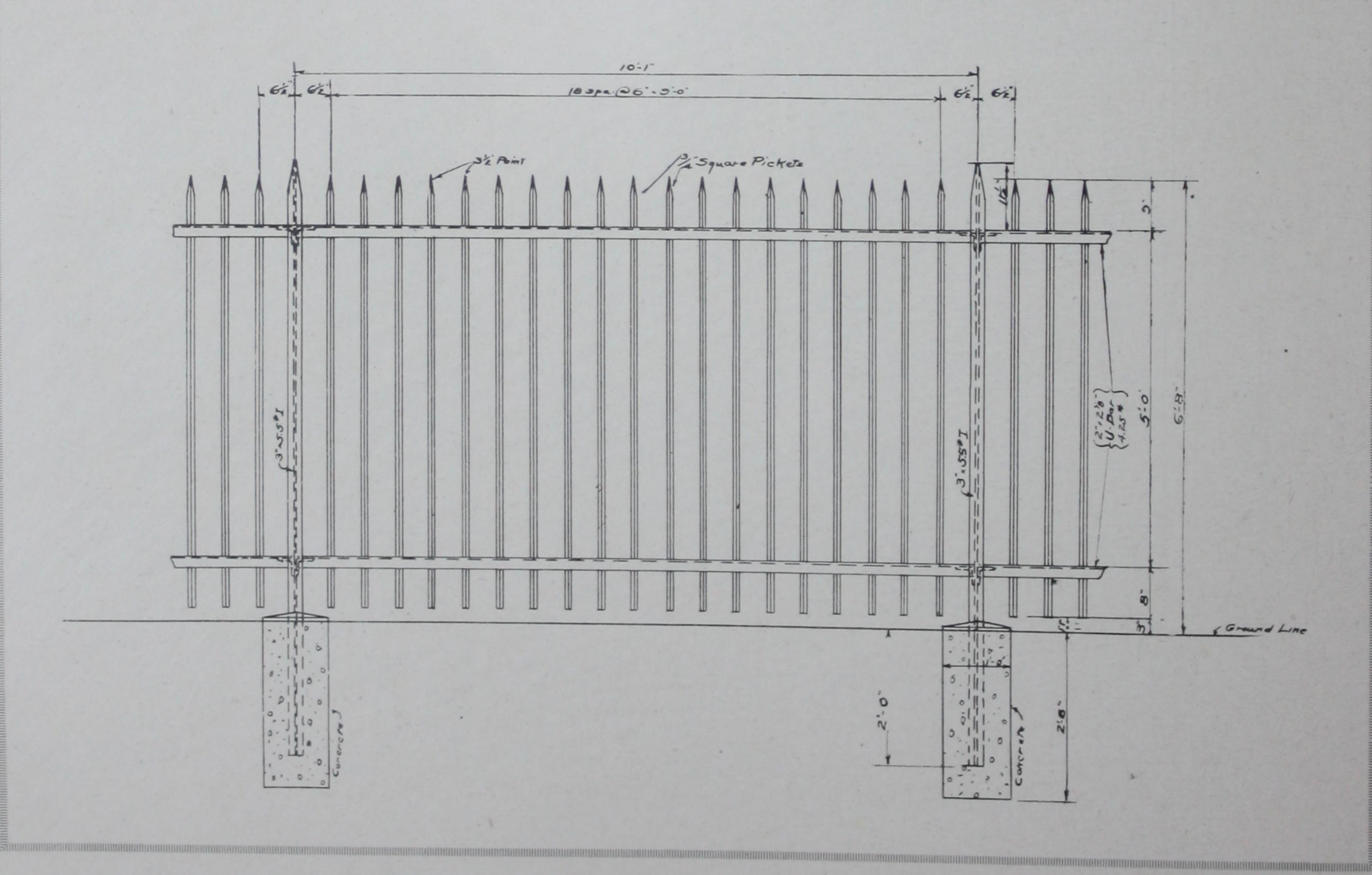
Specifications shown below.





New York Central & Hudson River Railroad Co., Standard Fence, Type II. Our Design No. 91.

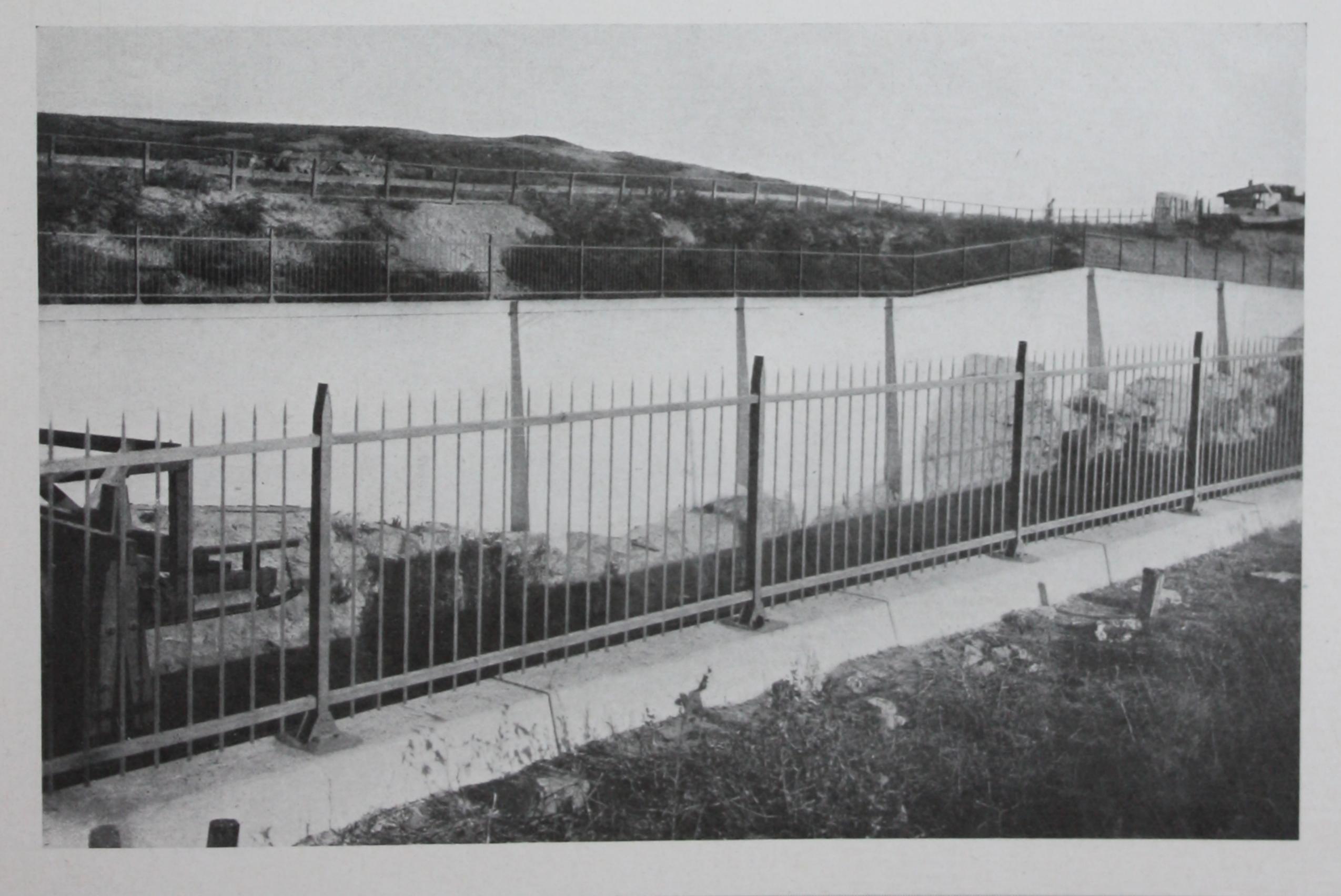
Specifications shown below.





Above, N. Y. C. standard fence, type I. Our design No. 20. Below, N. Y. C. standard fence, type III. Our design No. 92.

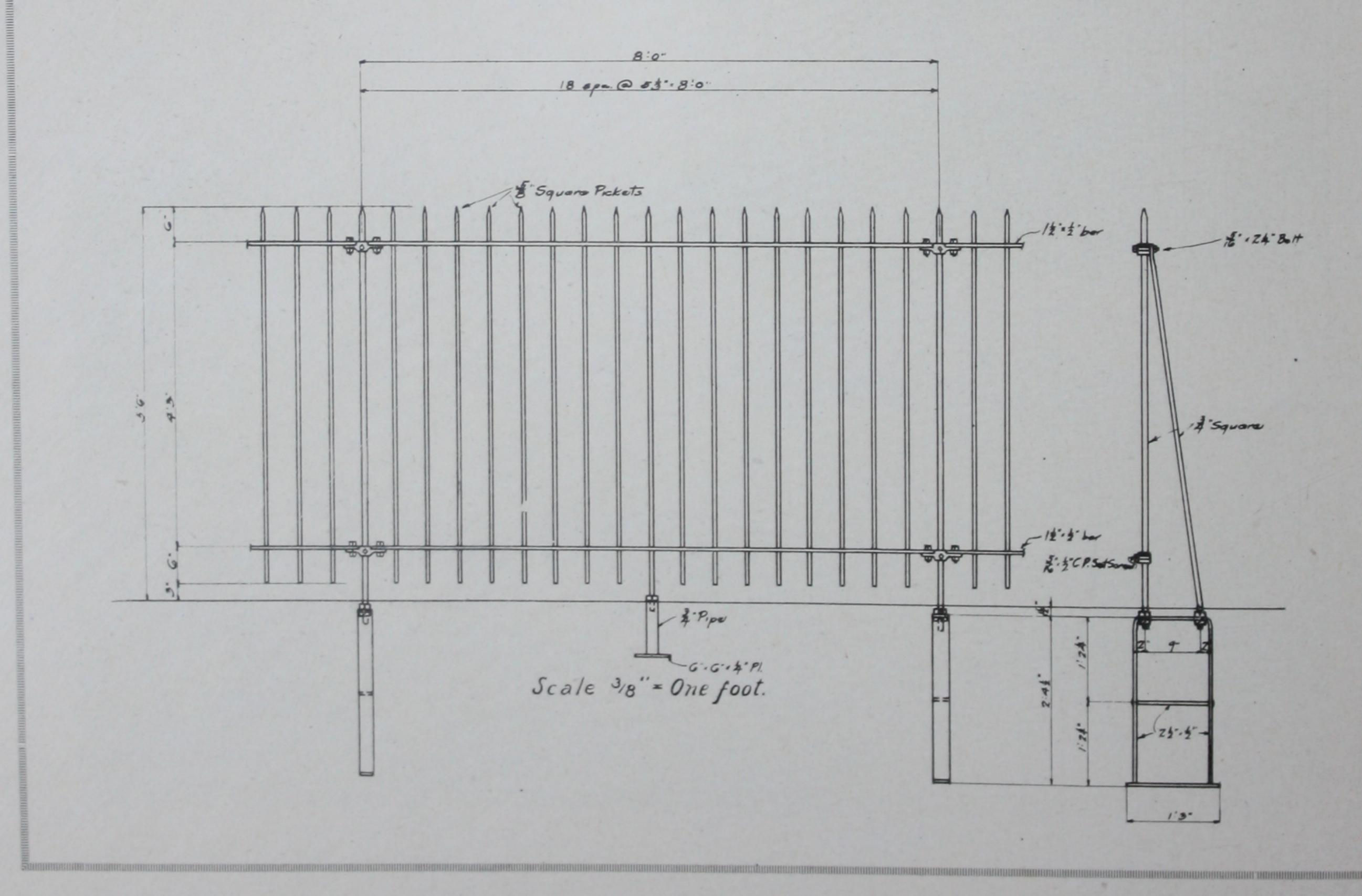
We have furnished over 30 miles of fence to the New York Central for their "Electric Zone," New York City.





Picket fence along the right of way of the Brooklyn Heights Railroad Co.

Specifications for Design No. 14 shown below.



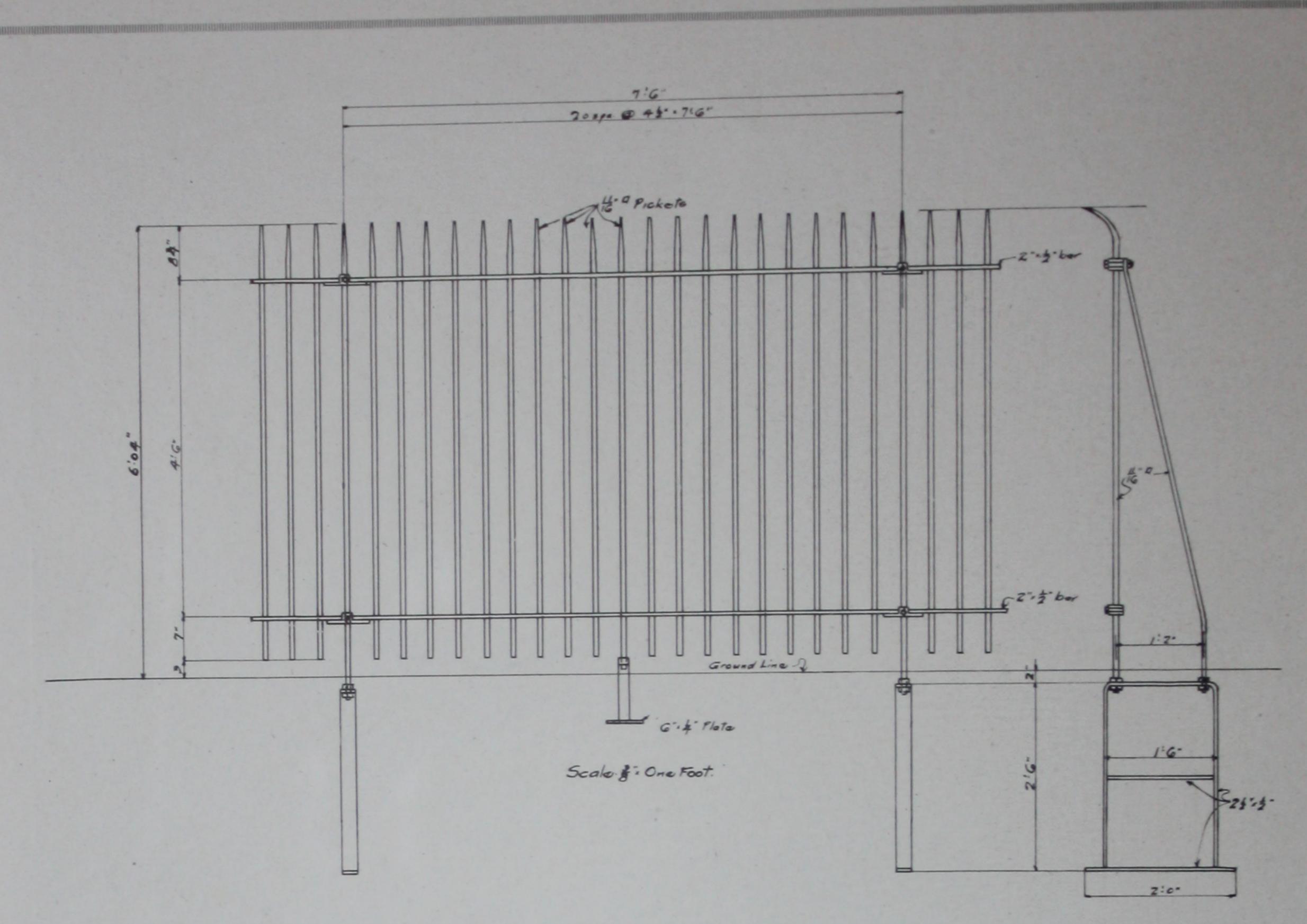


Philadelphia Cordage Works, Fitler, Pa. Enclosed by a seven foot picket fence.



Children's playground, Starr Garden Park, 7th & Lombard Streets, Phila.

This fence is similar to that shown opposite.

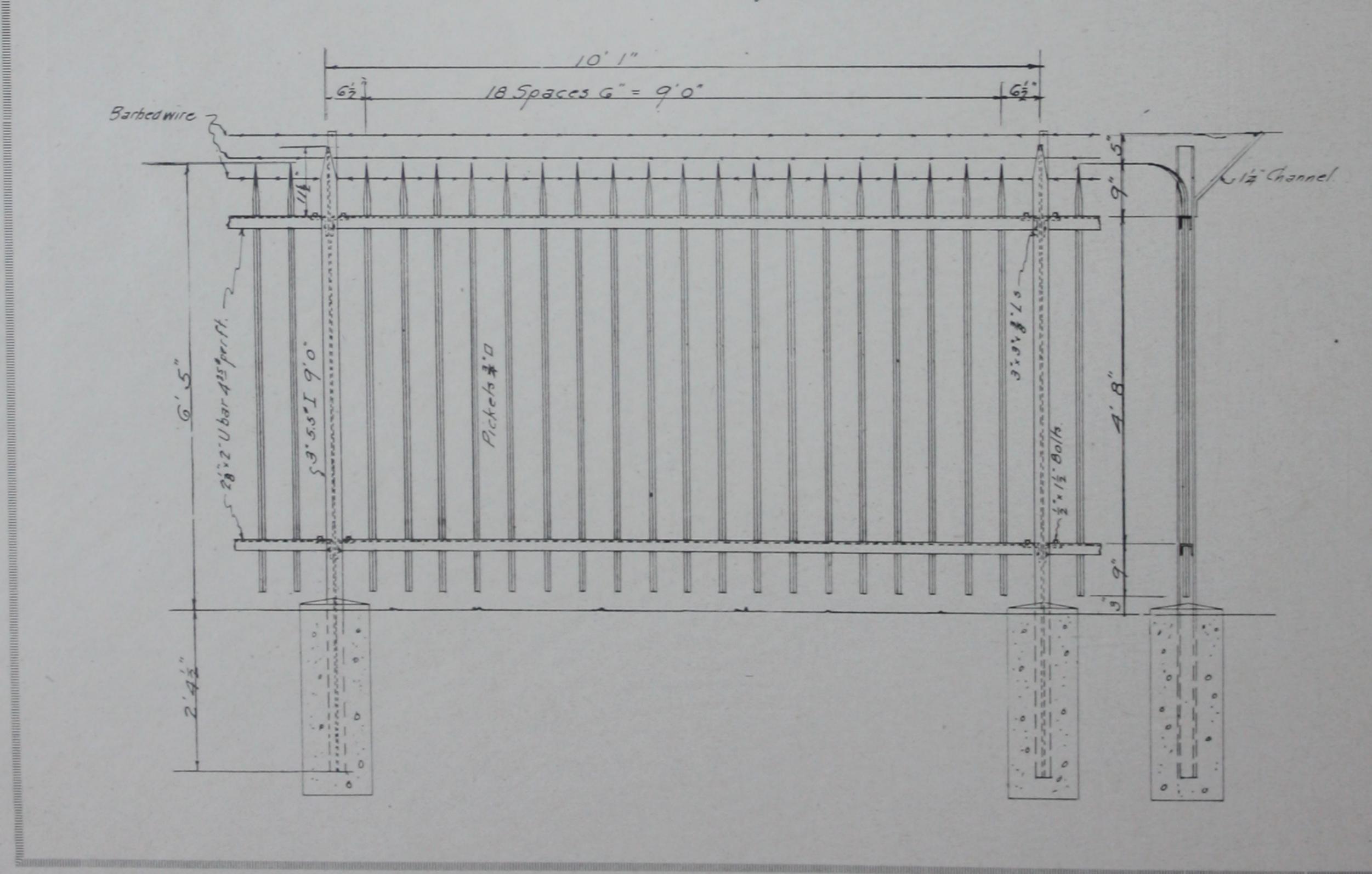


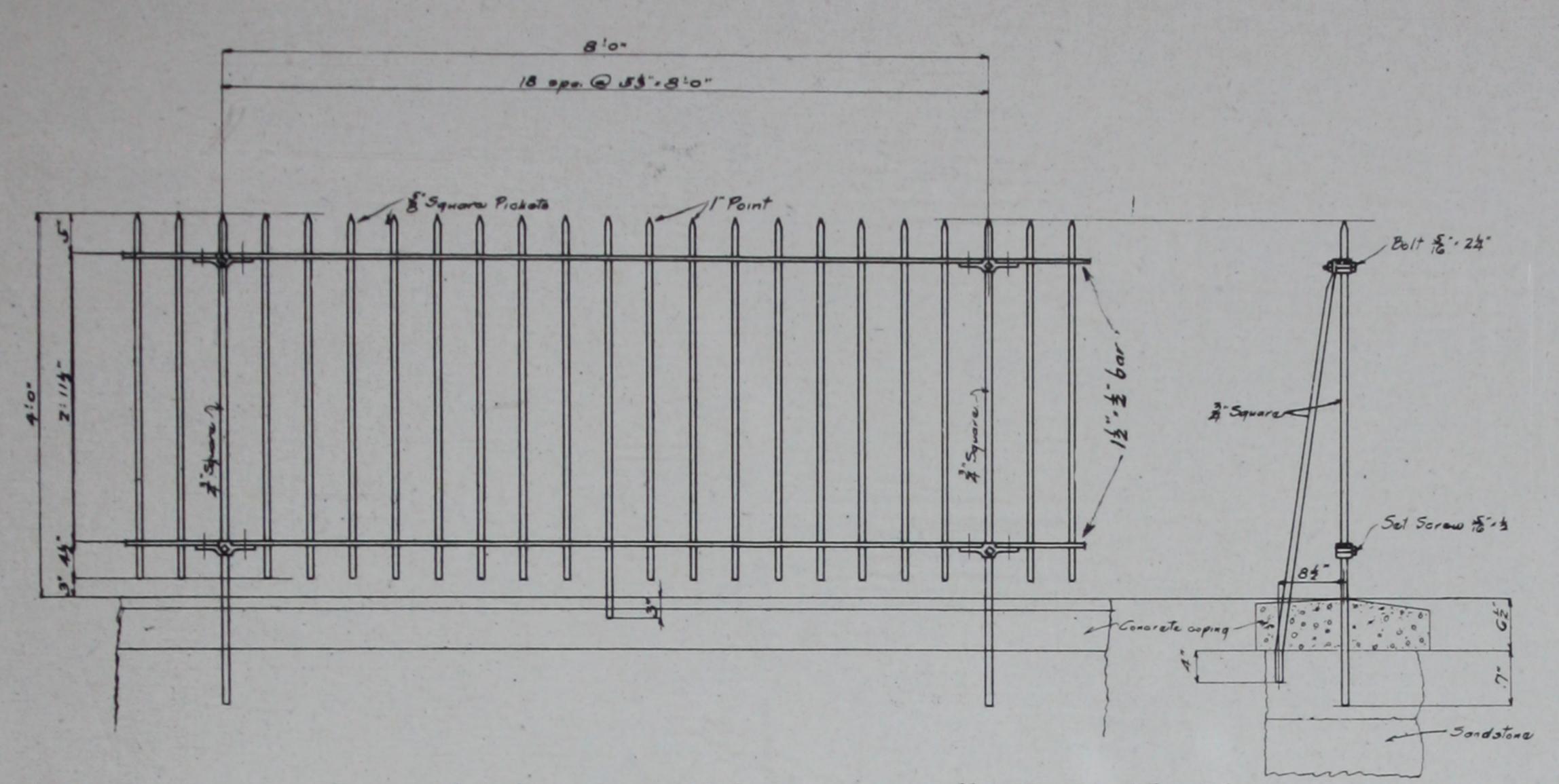
#### Curved Top Picket Fences.

Above—Design No. 24.

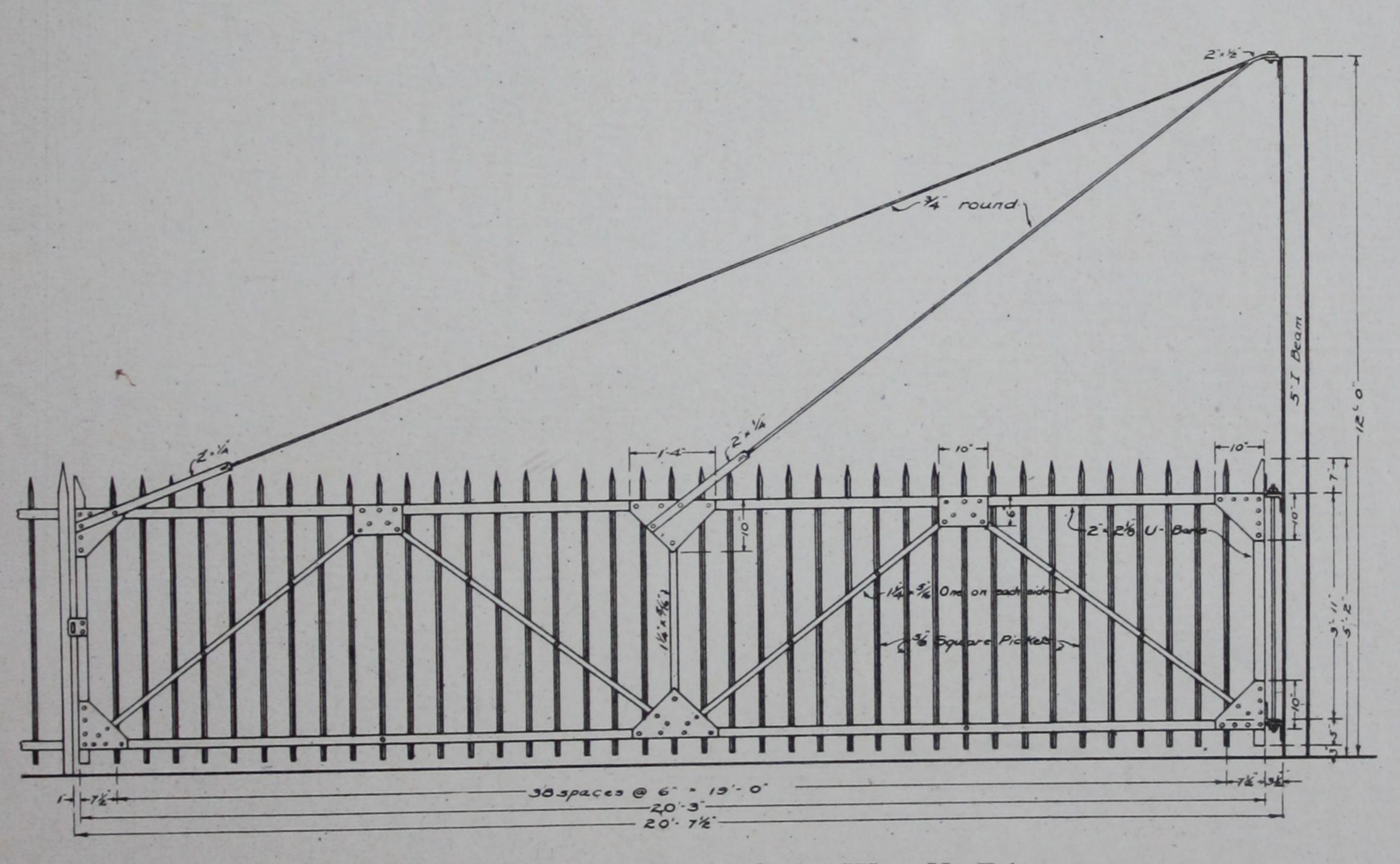
Below-Design No. 89.

These fences were designed, made, and erected by the Wayne Iron Works for the Pennsylvania Railroad Co.





Low picket fence intended for use on a wall. Design No. 25.



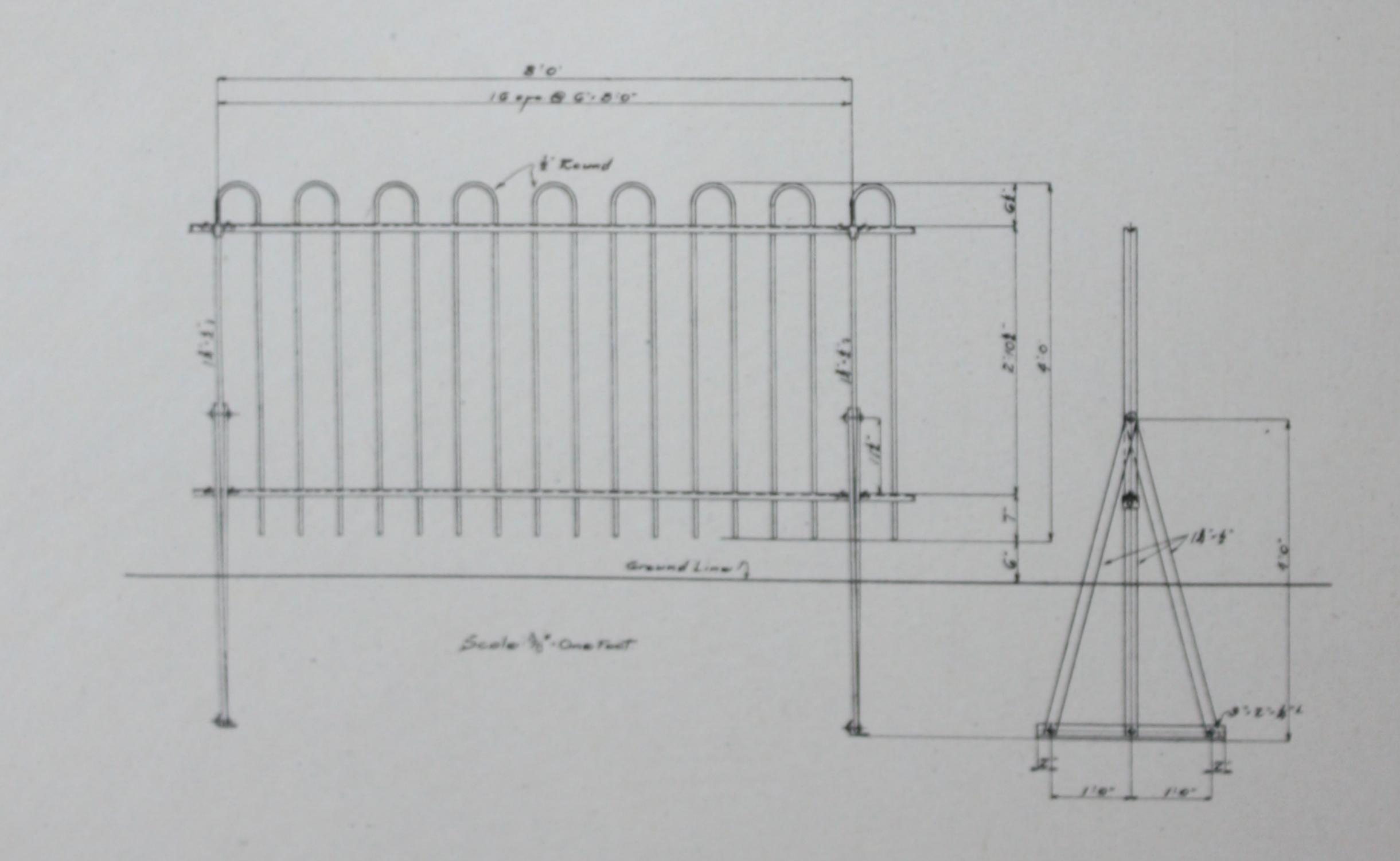
One of our large gates. Built for Wm. H. Fritz, Lumber and Coal Yard, Berwyn, Pa.

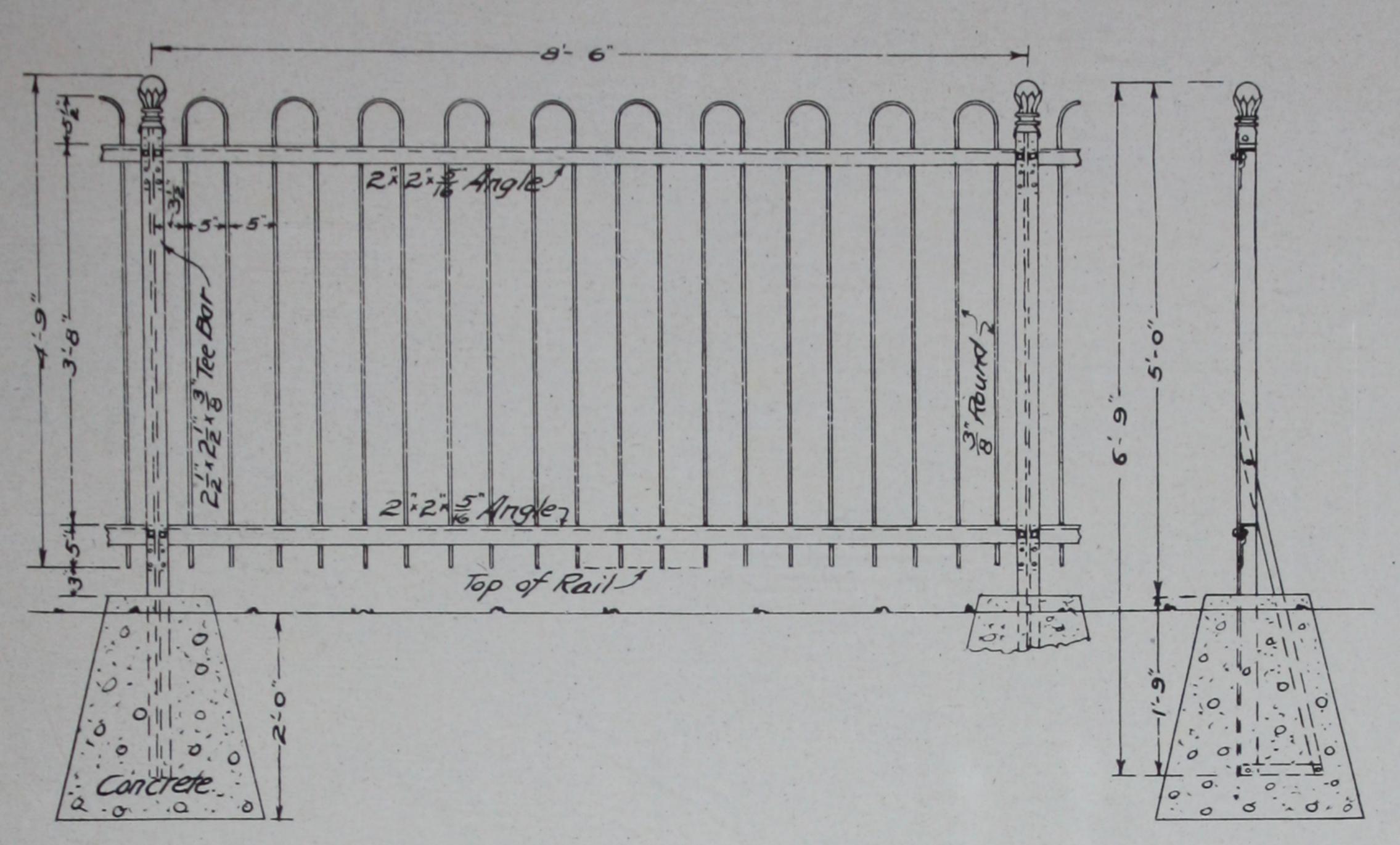


Pennsylvania Railroad Standard Intertrack Fence.

Used at nearly all Passenger Stations of the P.R. R.

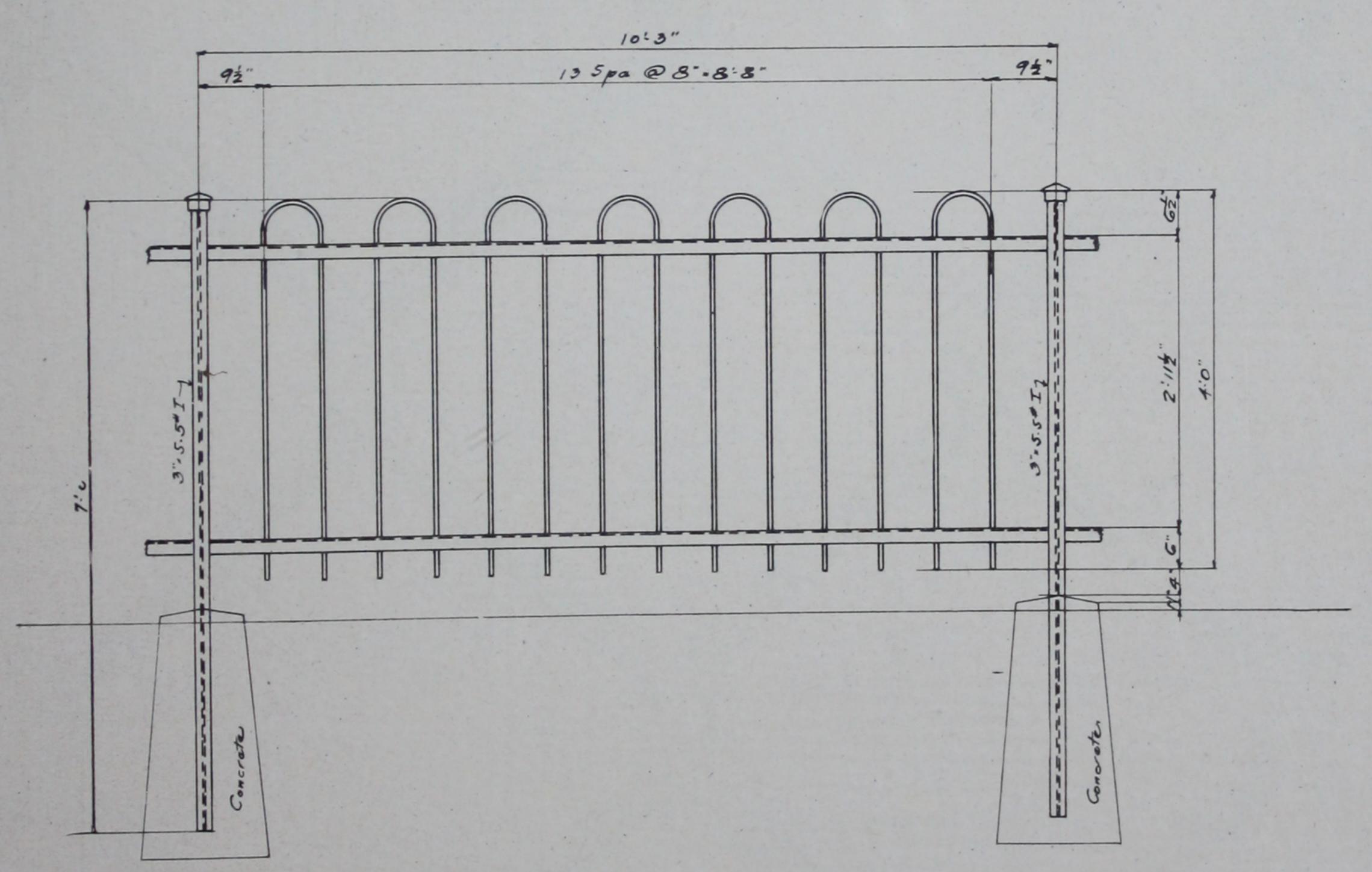
Wayne Iron Works Design No. 36. Specifications shown below.





Philadelphia & Reading Railway Standard Intertrack Fence.

Our Design No. 240.

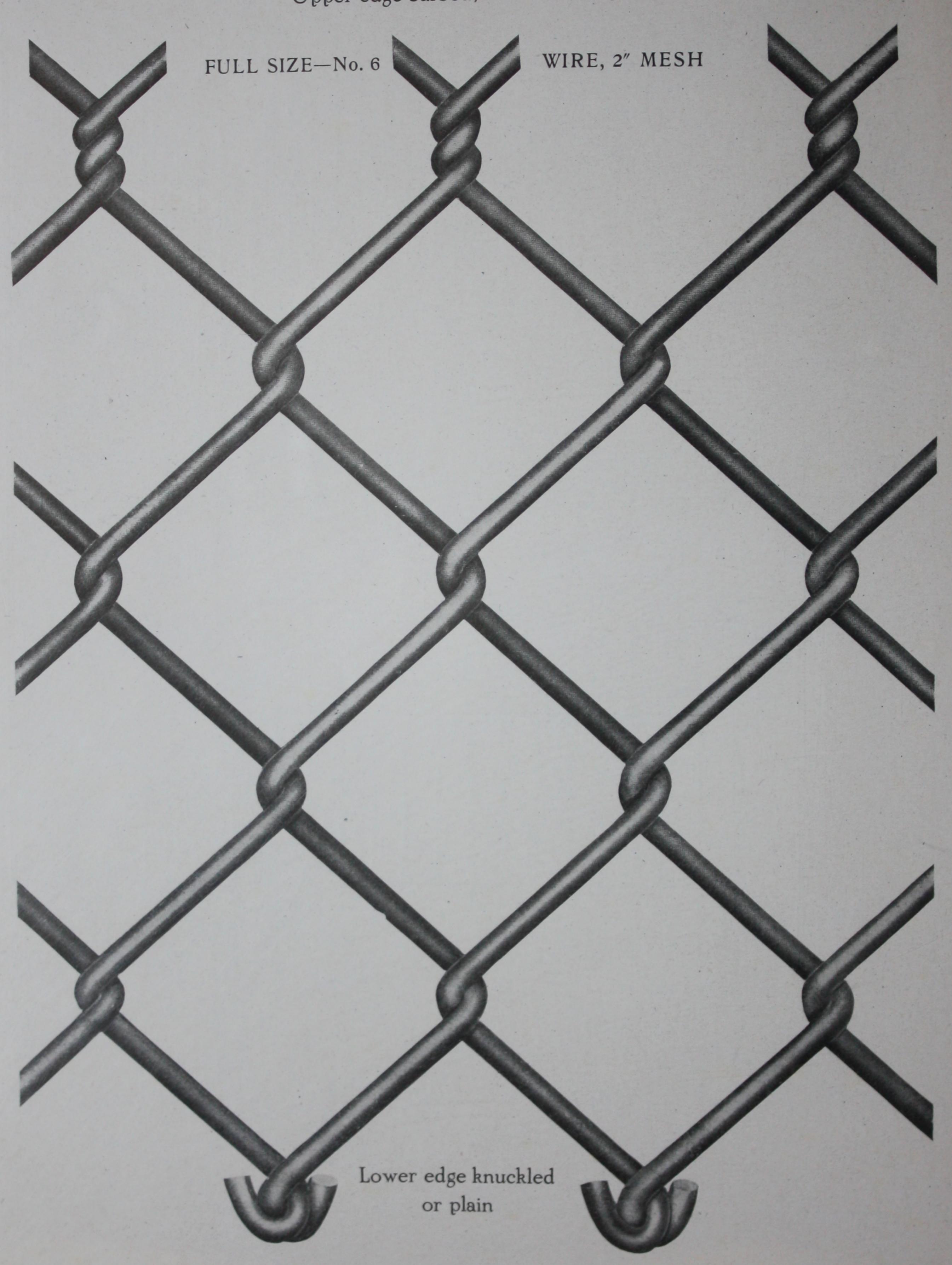


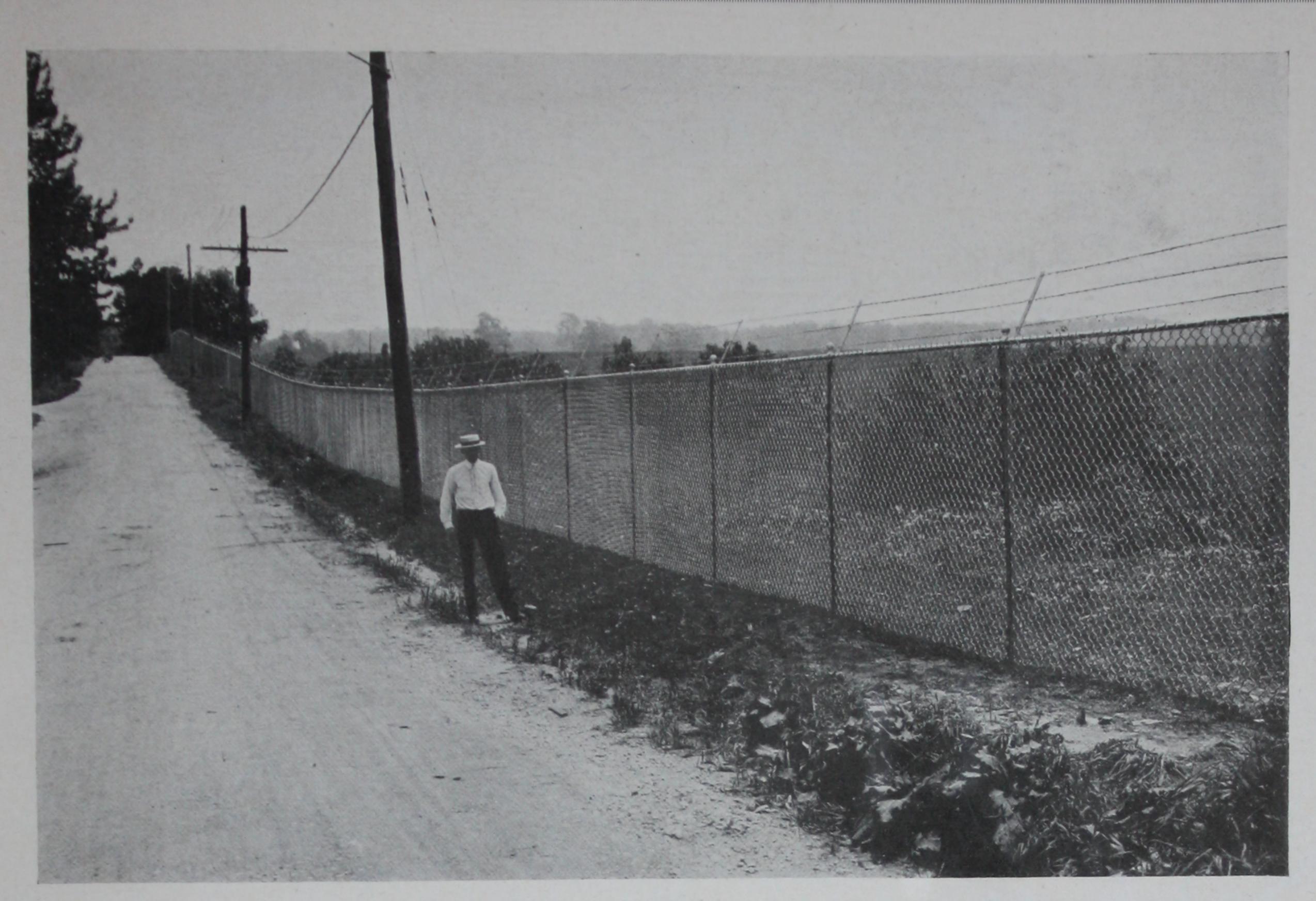
New York Central Standard Intertrack Fence. Our Design No. 61.

### WAYNE IRON WORKS

#### WOVEN STEEL CHAIN LINK

Upper edge barbed, knuckled, or plain





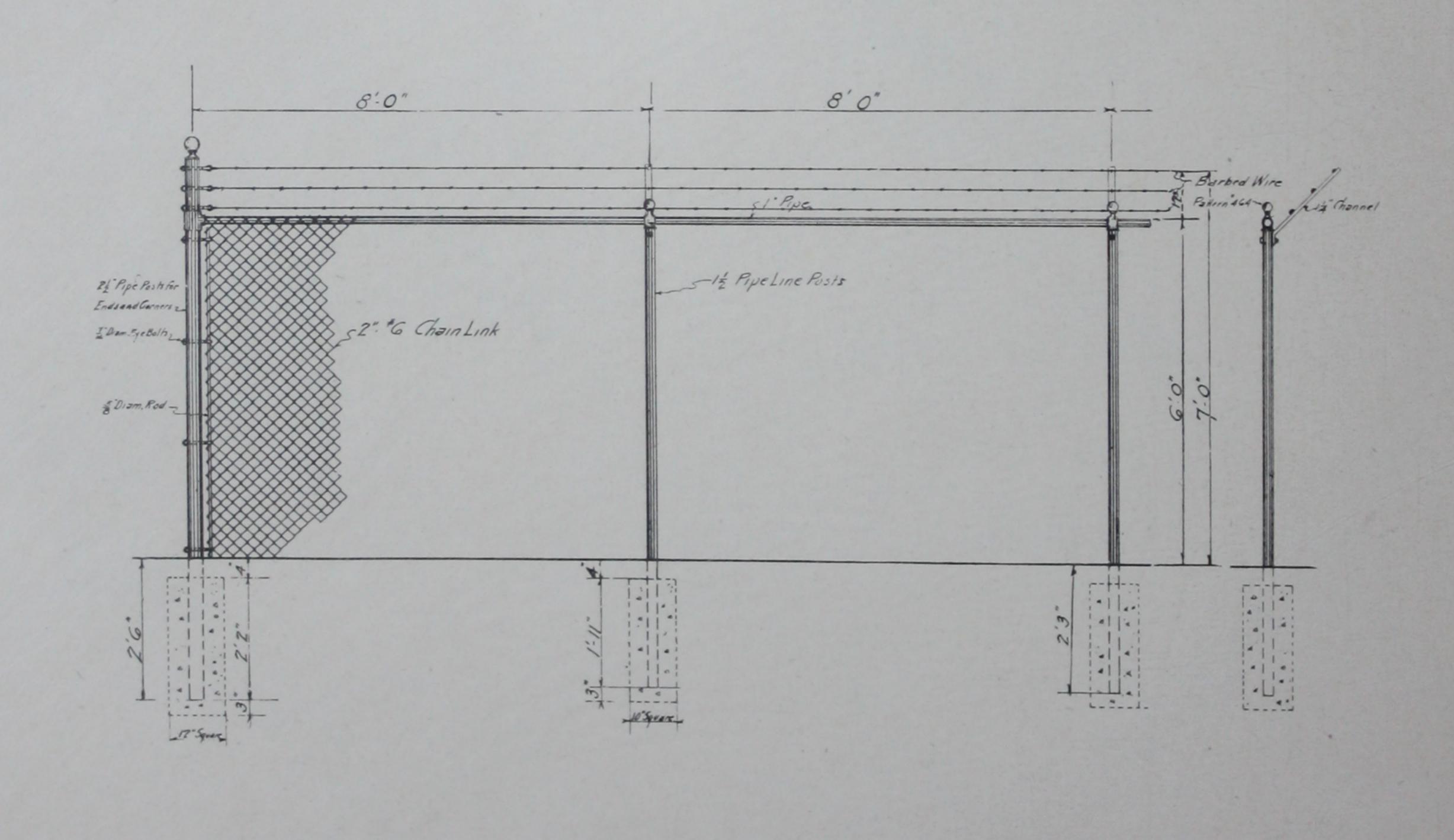
Chain Link Fence, Design No. 86, along Gulph Road, Radnor, Pa., built for Mr. Paul D. Mills.

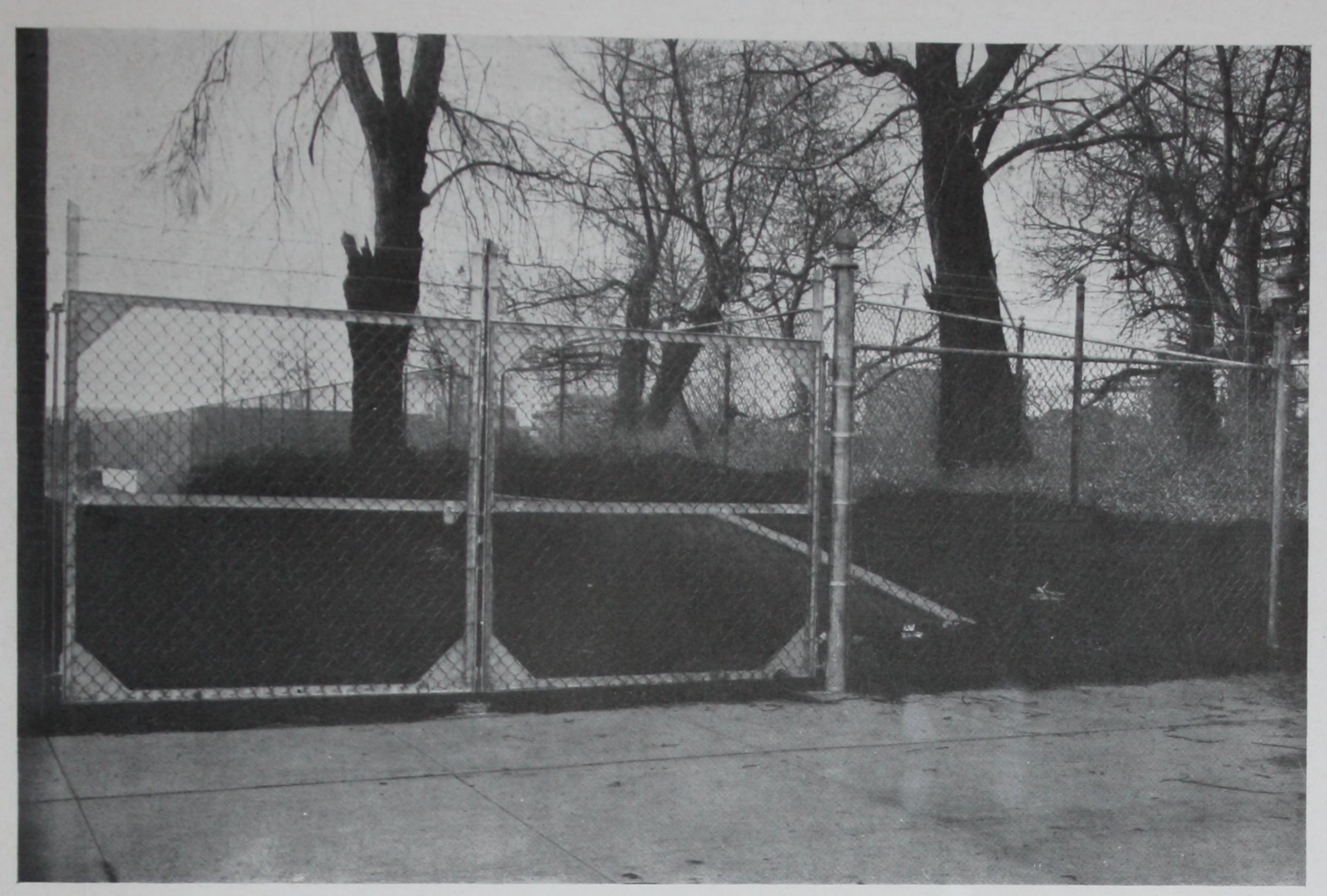
Specifications on next page.

CHAIN LINK WOVEN STEEL FENCING presents a strong and continuous barrier, as nearly unclimbable as any form of fencing yet devised. It is made of the best quality hot galvanized steel wire, drawn especially for the manufacture of this fabric. We furnish chain link in any gauge from No. 4 to No. 14, and in any width up to 12 feet. Our fences of this type are set in concrete, making them perfectly rigid. The illustrations show their neat appearance and give an idea of the protection afforded.

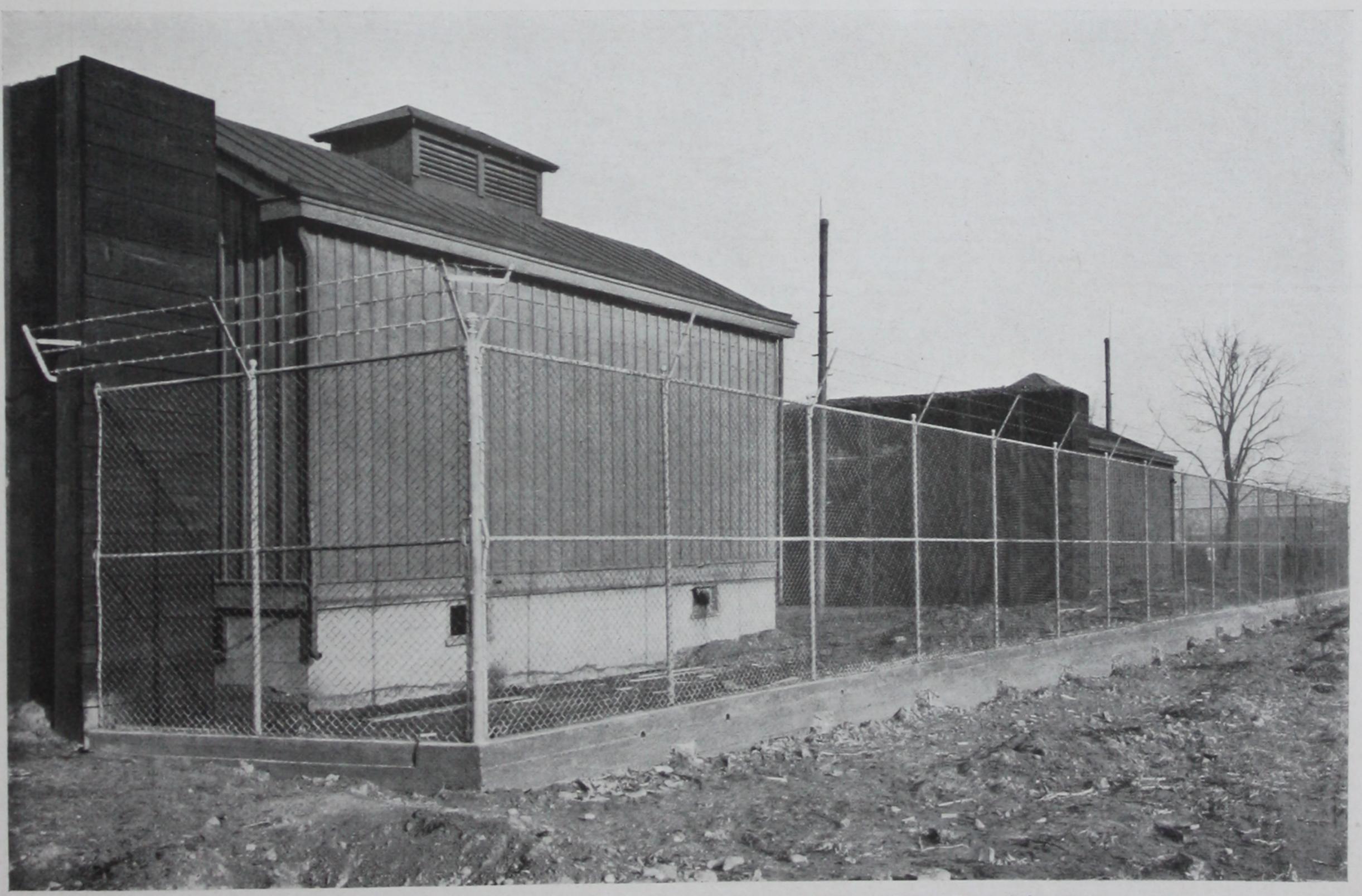


Design No. 86, Chain Link Fence enclosing the yard of the S. S. Wenzell Machine Co., 50th and Parkside Sts., Philadelphia. Specifications shown below.

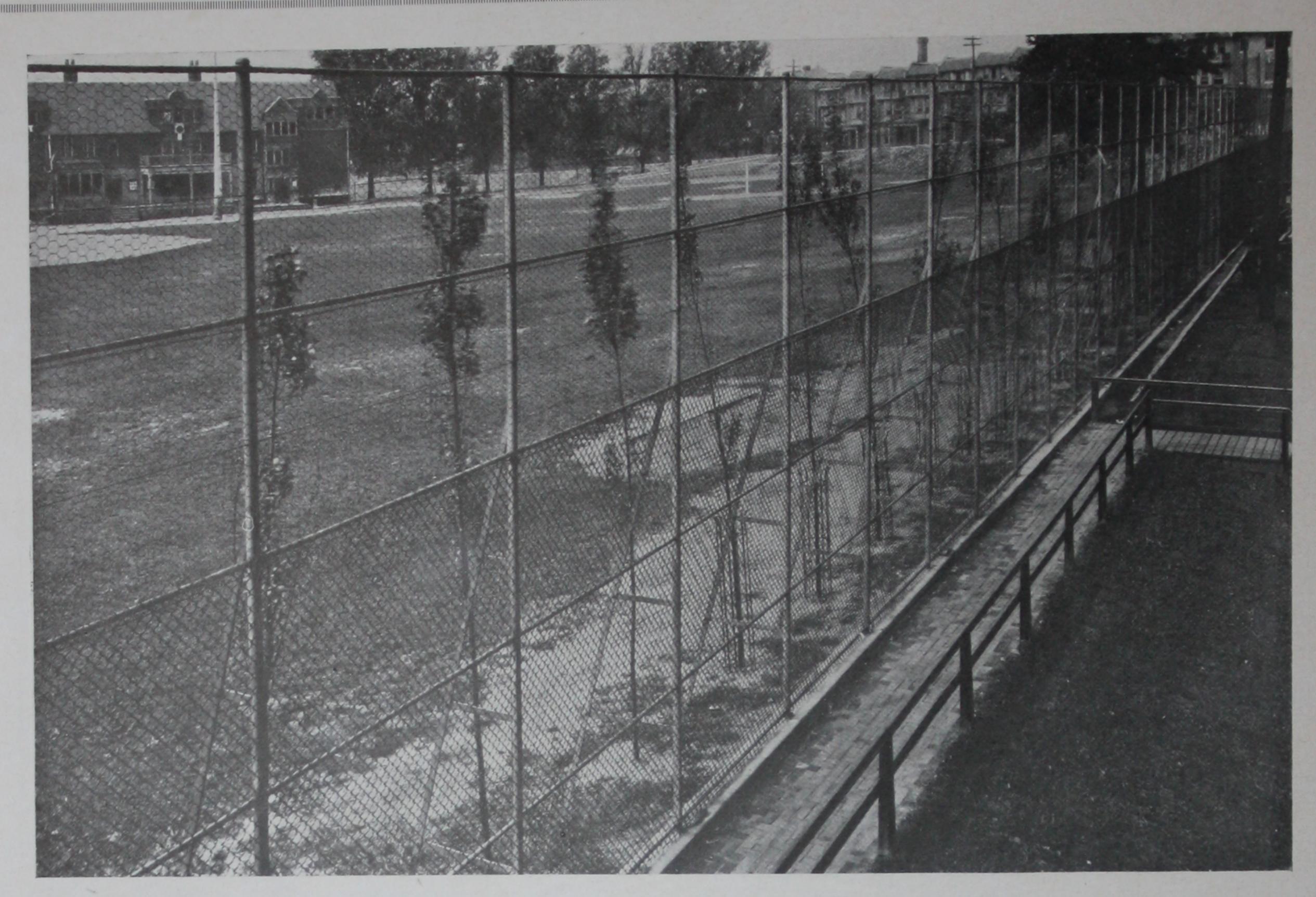




A Chain Link Gate made by Wayne Iron Works.



Powder Dry Houses of the United States Arsenal at Frankford, protected by ten-foot-high, chain link fence. Design No. 95



Backstop along Railroad at Kingsessing Playground, 49th and Chester Avenue, Philadelphia. Design No. 250.

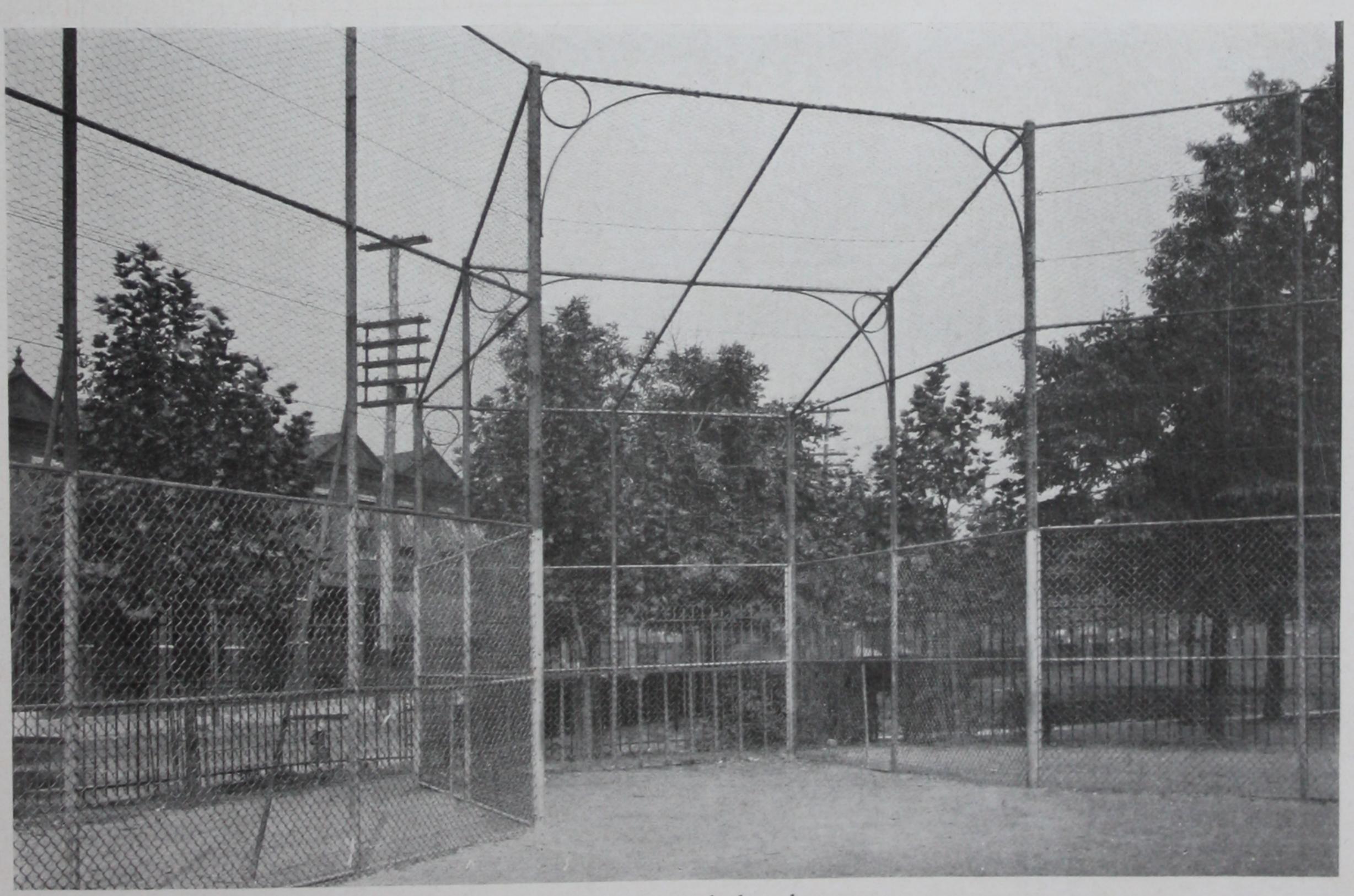
#### Athletic Field Backstops

THE backstops here shown designed and erected by the Wayne Iron Works are 20 feet high. The end and corner posts of  $3\frac{1}{2}$ " pipe and the intermediate posts are of  $2\frac{1}{2}$ " U-bars, substantially braced. The lower part is covered with No. 6 chain link, the upper part with special lawn netting. All material is heavily galvanized so that it resists rust.

Chain link is admirably suited to this use, as the hardest pitched balls cannot dent it.



Baseball Backstop at Children's Playground, 22nd and Sedgley Sts., Philadelphia. Design No. 251.

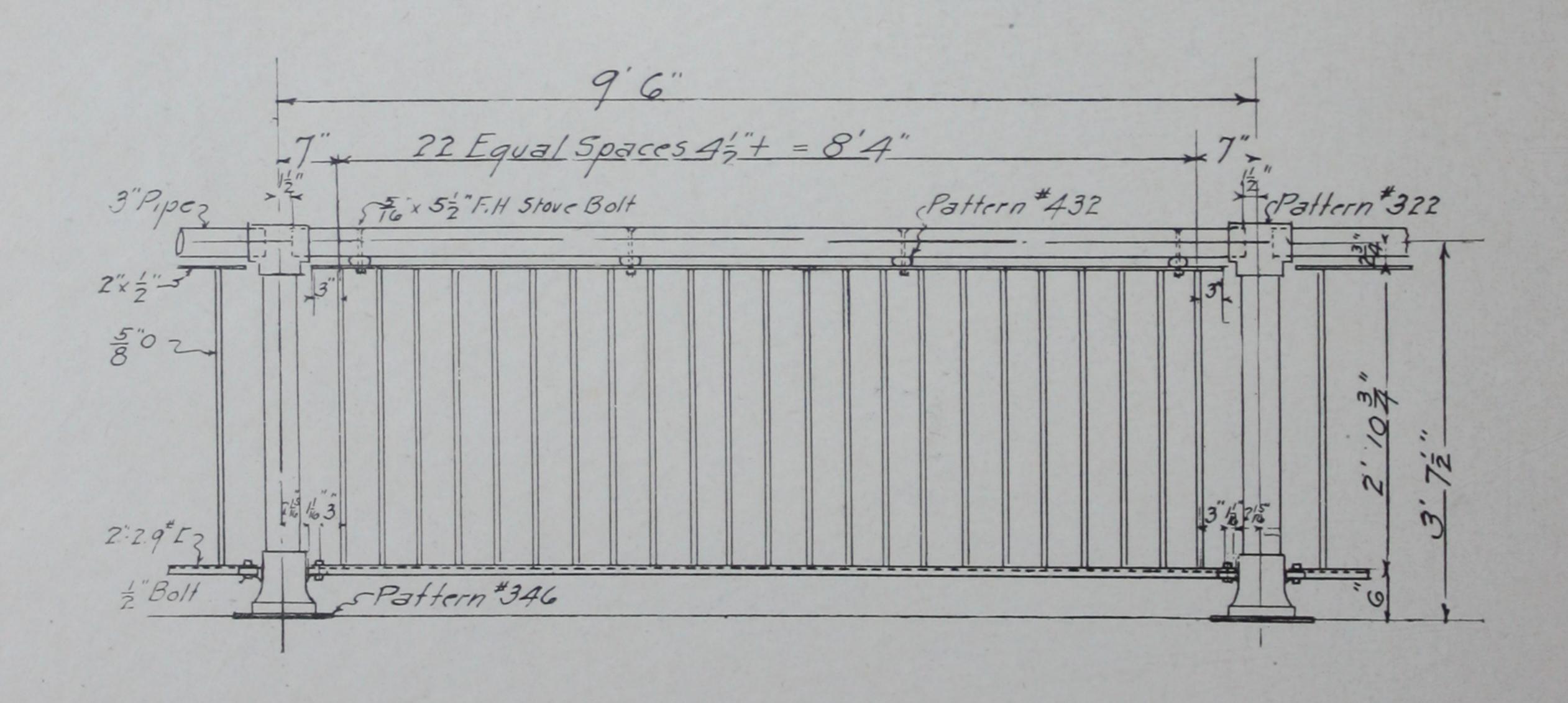


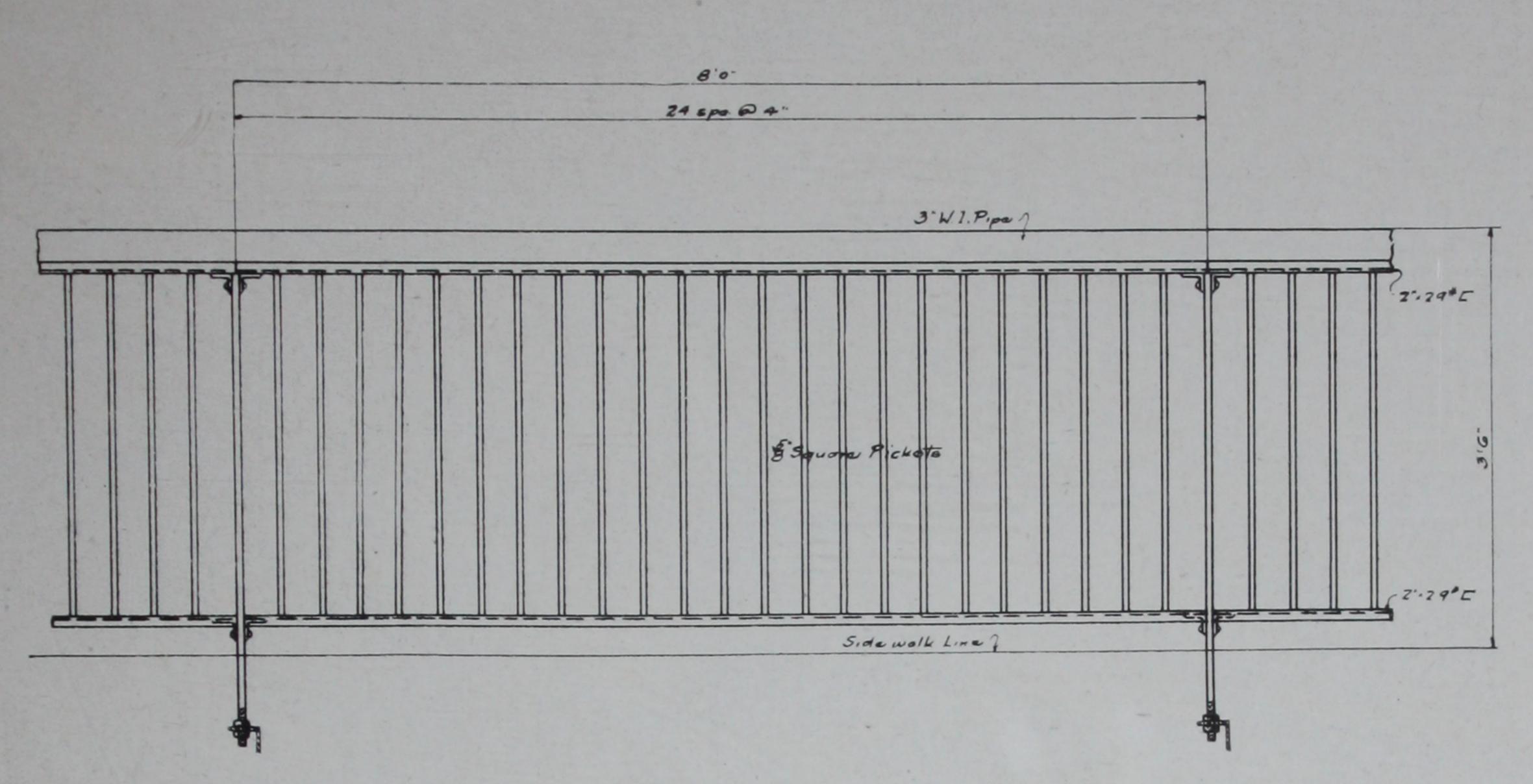
Another view of the above.



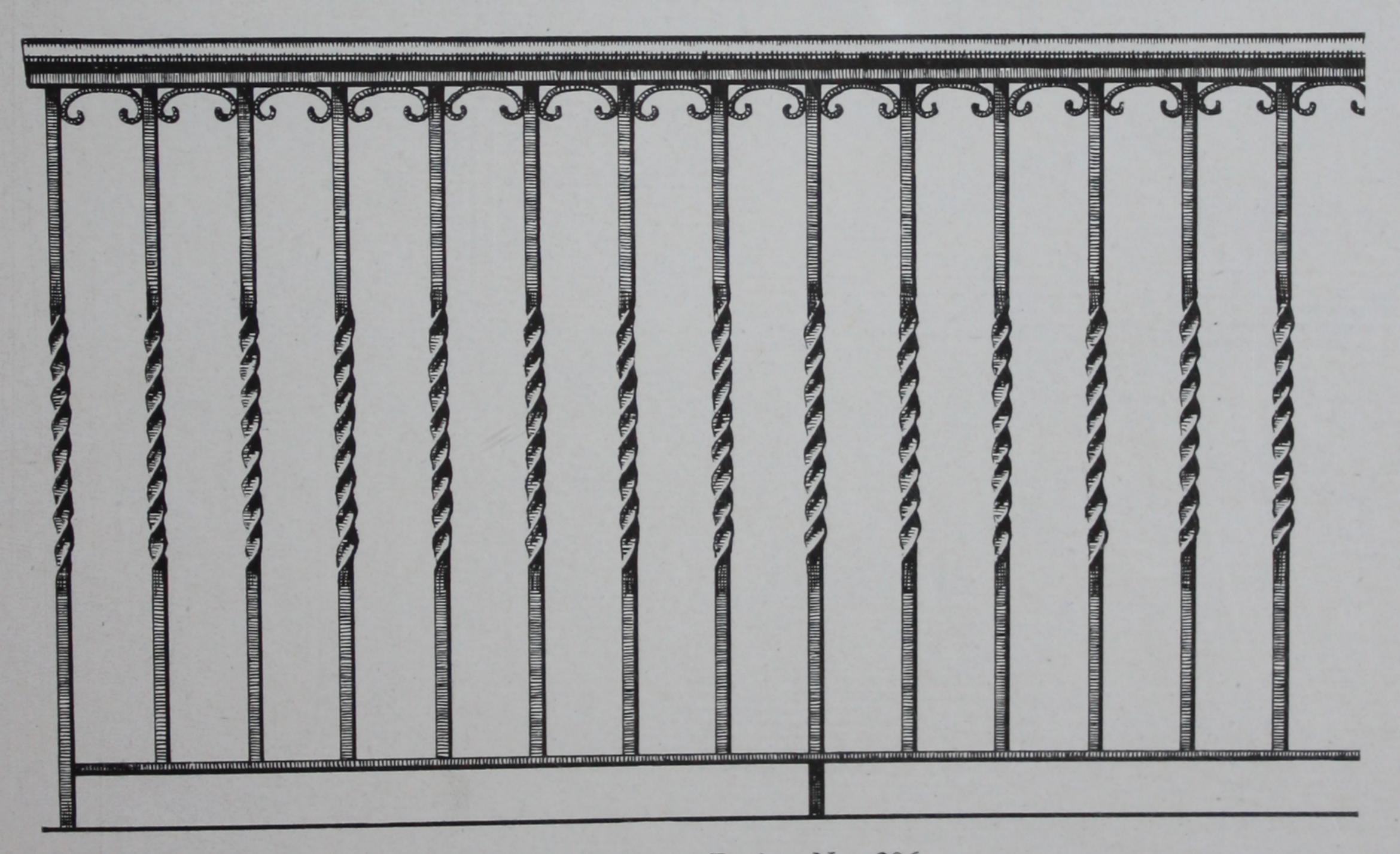
Wayne Iron Works Bridge Railing, Design No. 84, built for the Pennsylvania Railroad at Linden, N. J.

Specifications shown below.





Continuous Bridge Railing. Design No. 18.

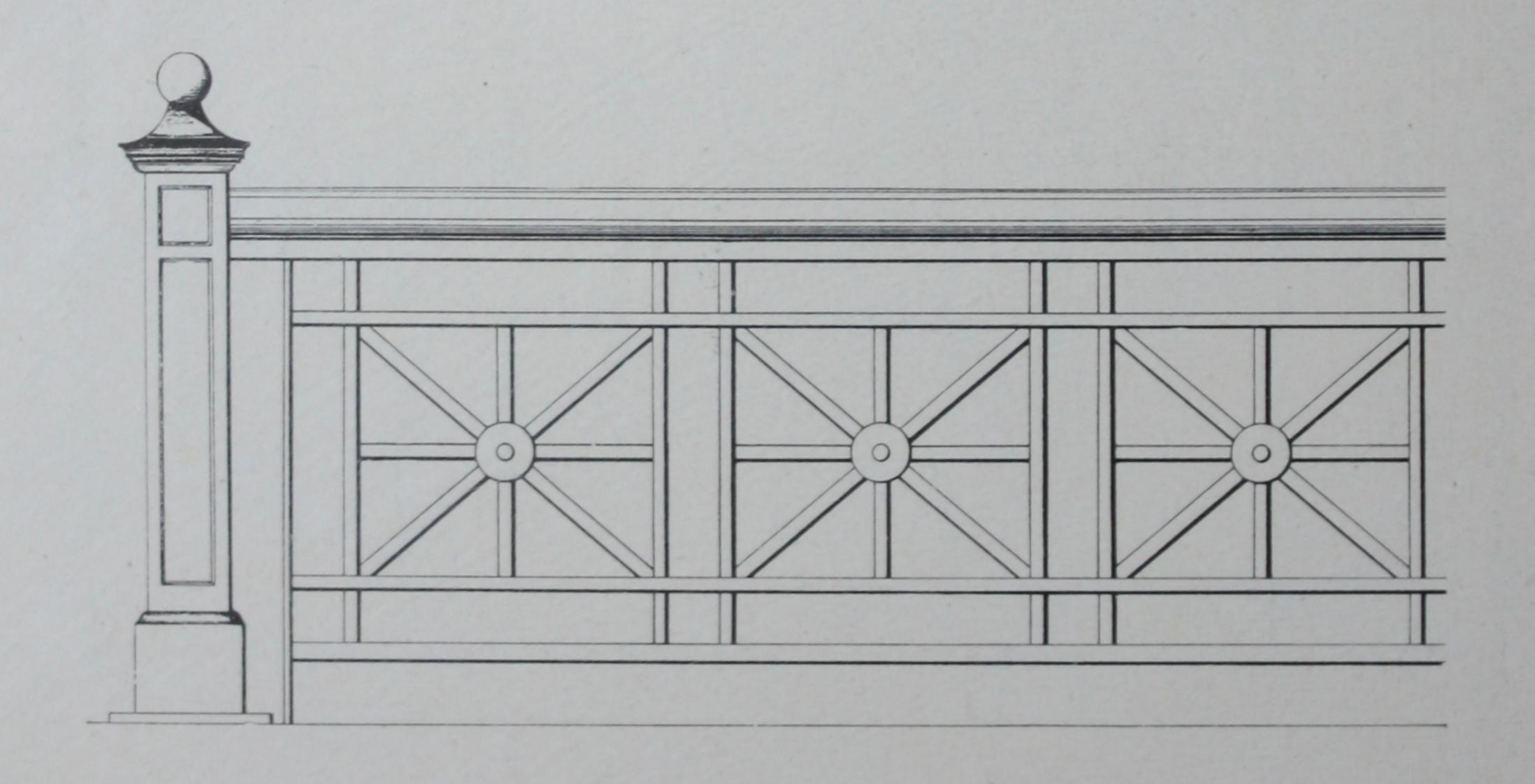


An ornamental railing. Design No. 206.



City Avenue Bridge, Overbrook, Pa., over the Pennsylvania Railroad.

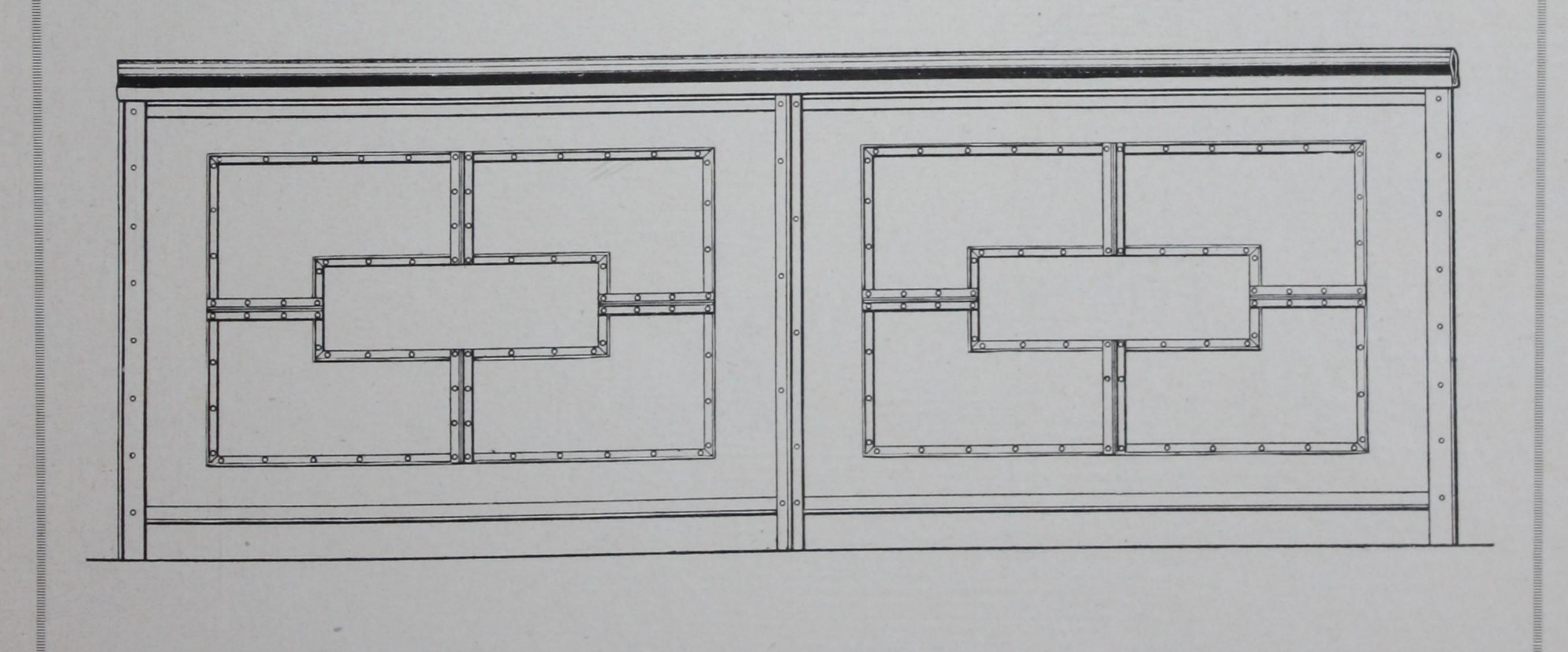
Design No. 204.

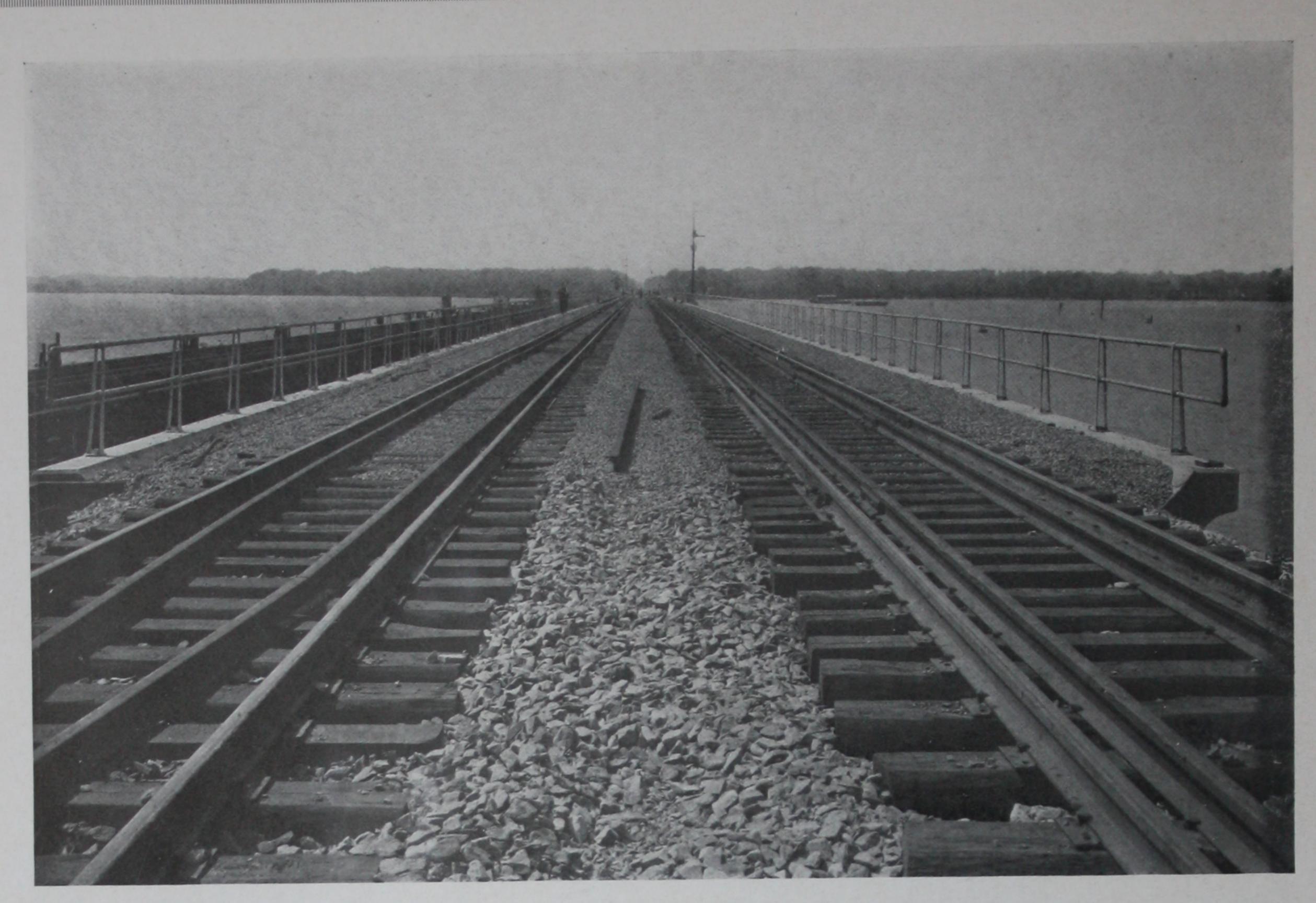




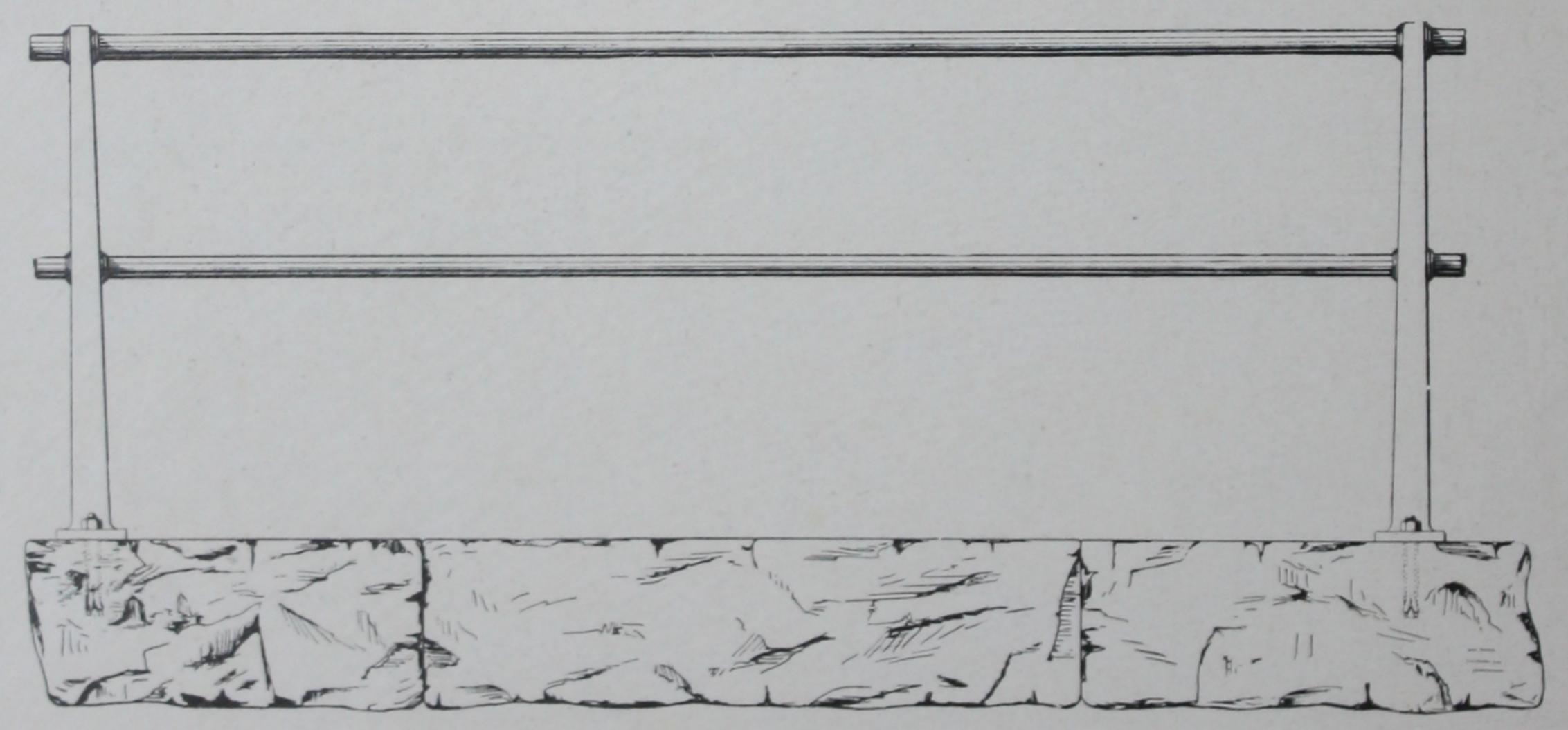
A durable panelled sheet-iron railing on the P. R. R. freight elevated through Philadelphia.

Design No. 116.

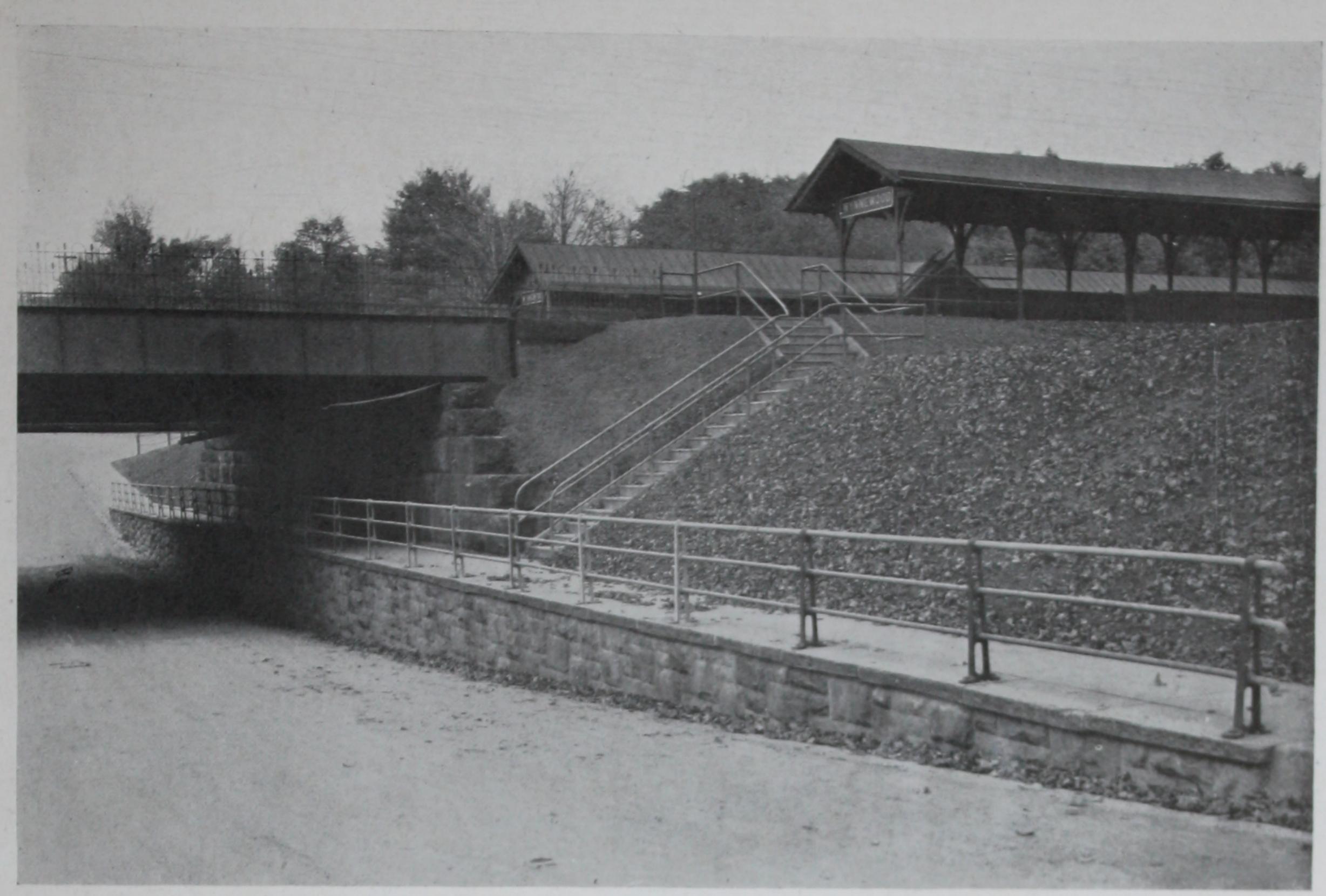




Pennsylvania Railroad Standard 2-pipe Railing with malleable iron posts, our design No. 152. The upper rail is 1½-in. pipe, the lower 1¼-in. pipe. We have furnished the Pennsylvania Railroad over 150 Miles of this railing.



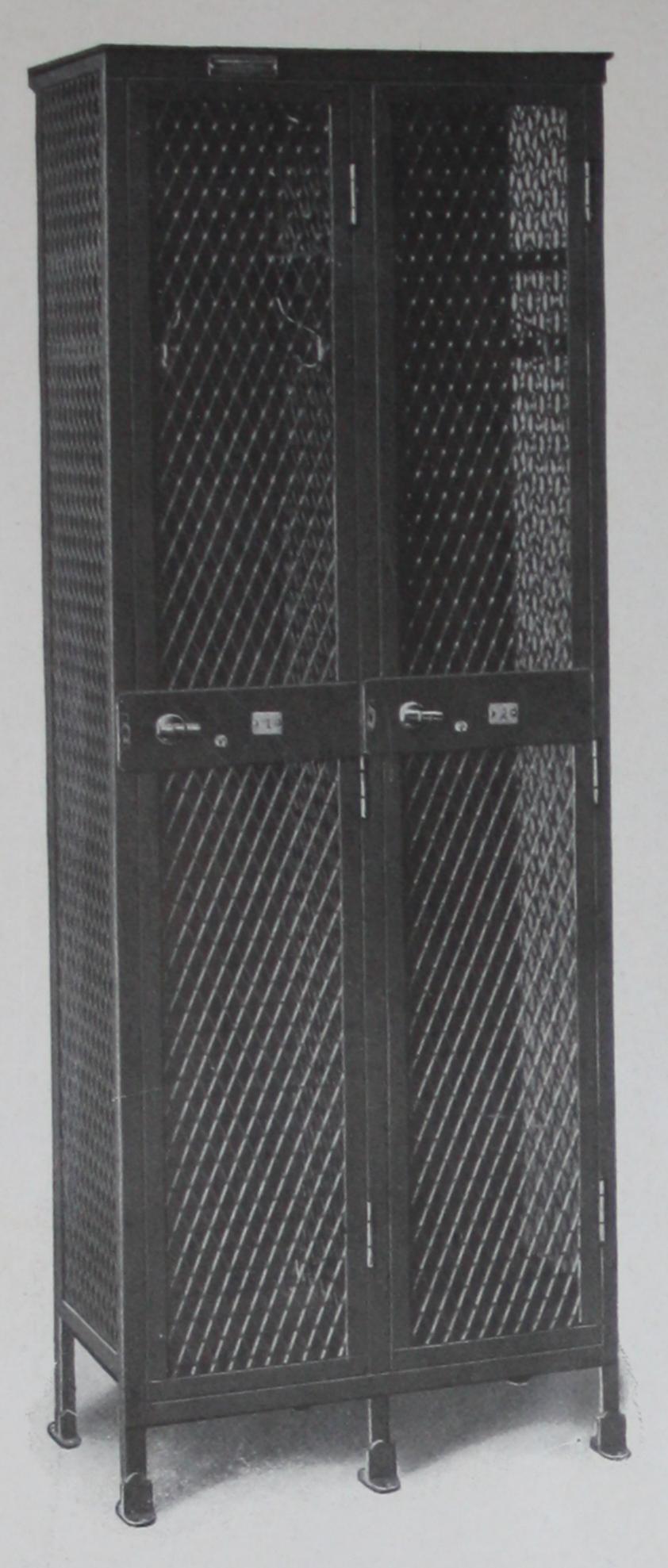
Two-pipe Railing with Malleable Iron Posts, Design No. 152. For retaining Walls, Viaducts, Subways, Platforms etc.



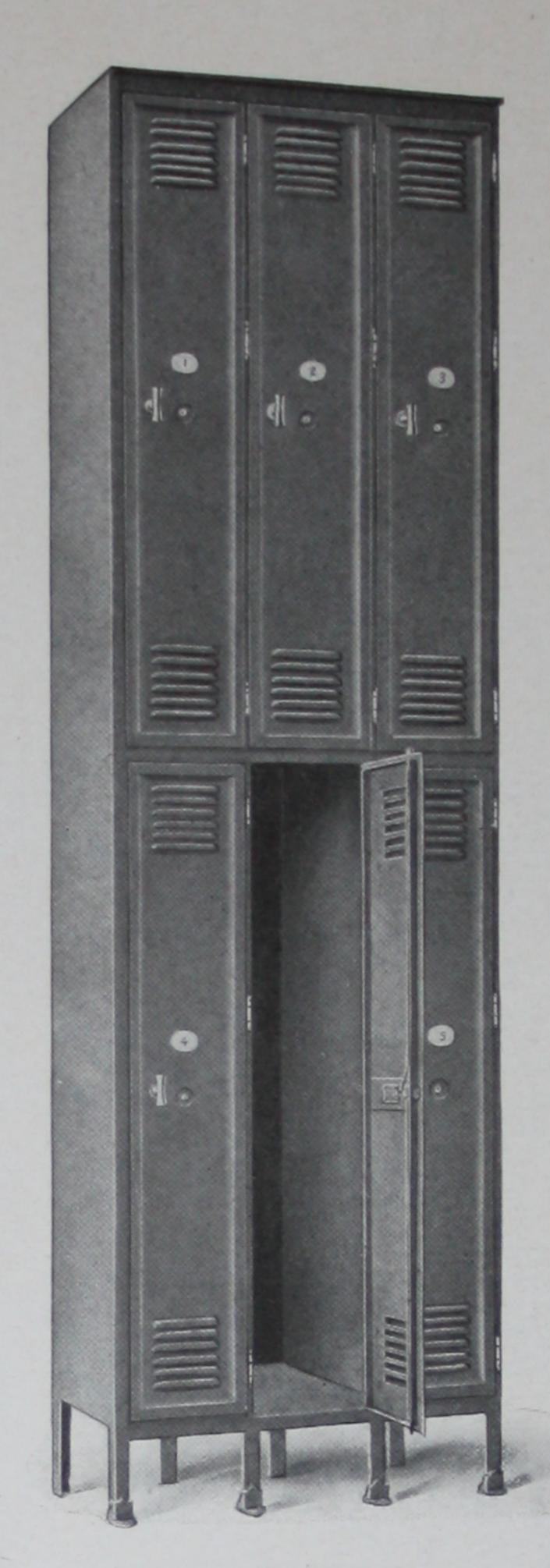
Standard 3-pipe Railing with malleable iron posts at Wynnewood Station, P. R. R. Design No. 151.



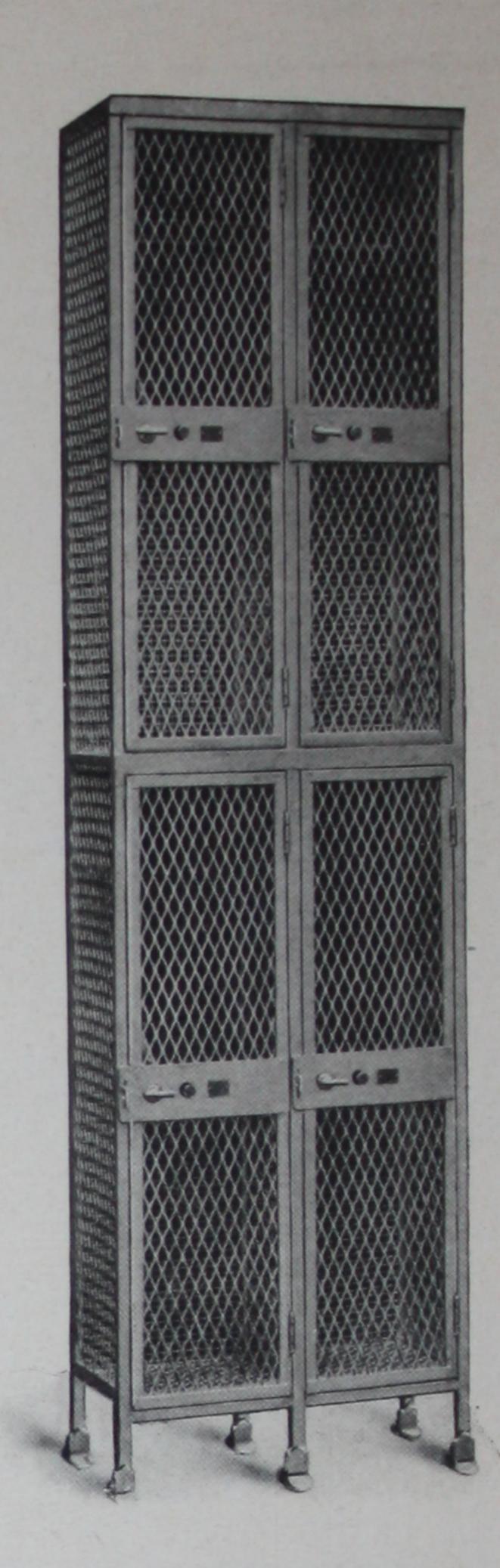
Three-pipe Railing with pipe posts at Bryn Mawr Station, P. R. R. Design No. 153.



No. 35.



No. 100. Two Tier



No. 23. Two Tier



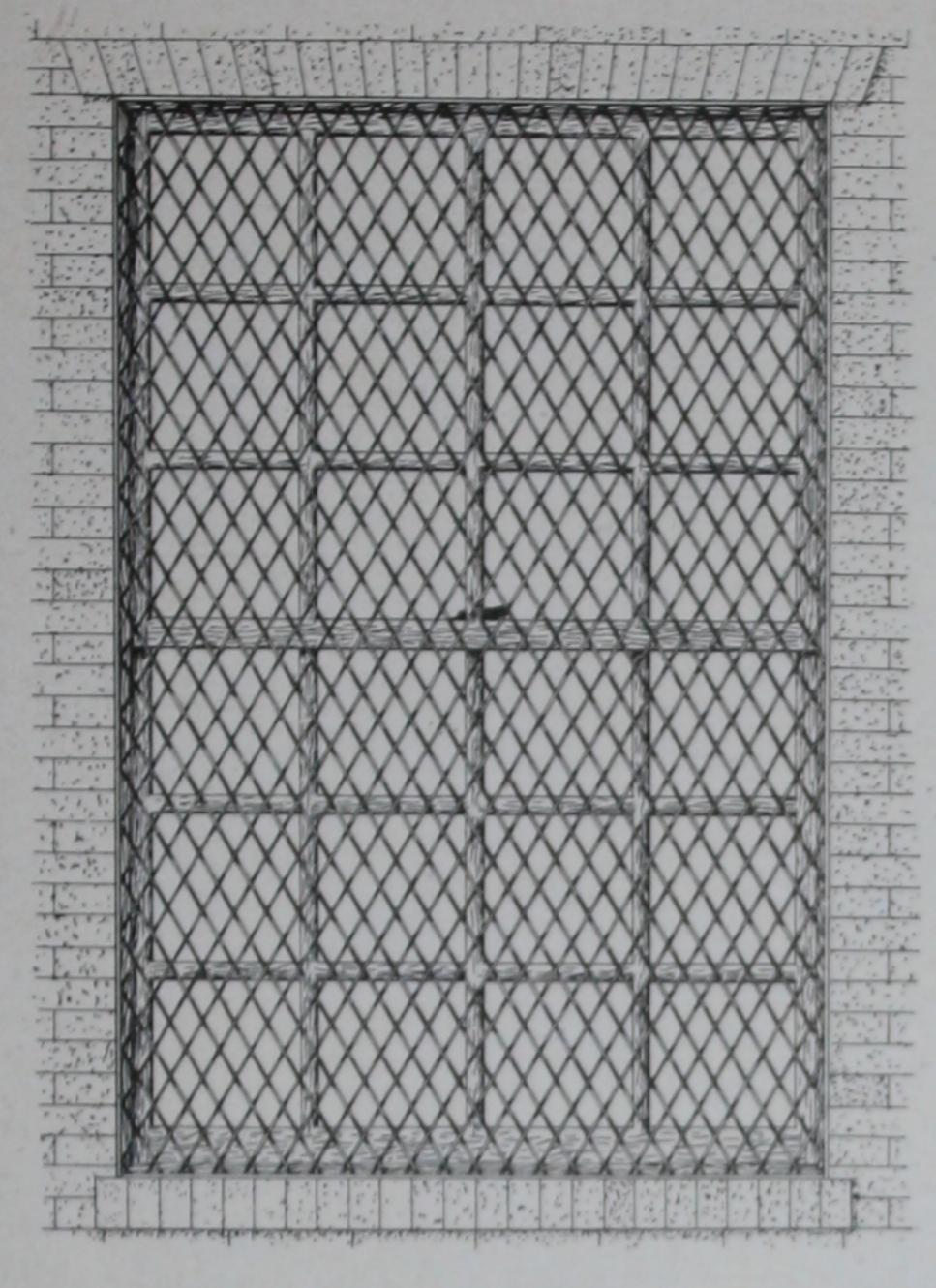
No. 40. Louvre Ventilation.

On this page are shown a few of our designs for metal lockers. We publish a catalogue devoted exclusively to this subject. If interested, we shall be pleased to send you a copy.



No. 100. Louvre Ventilation.

#### WIRE WORK



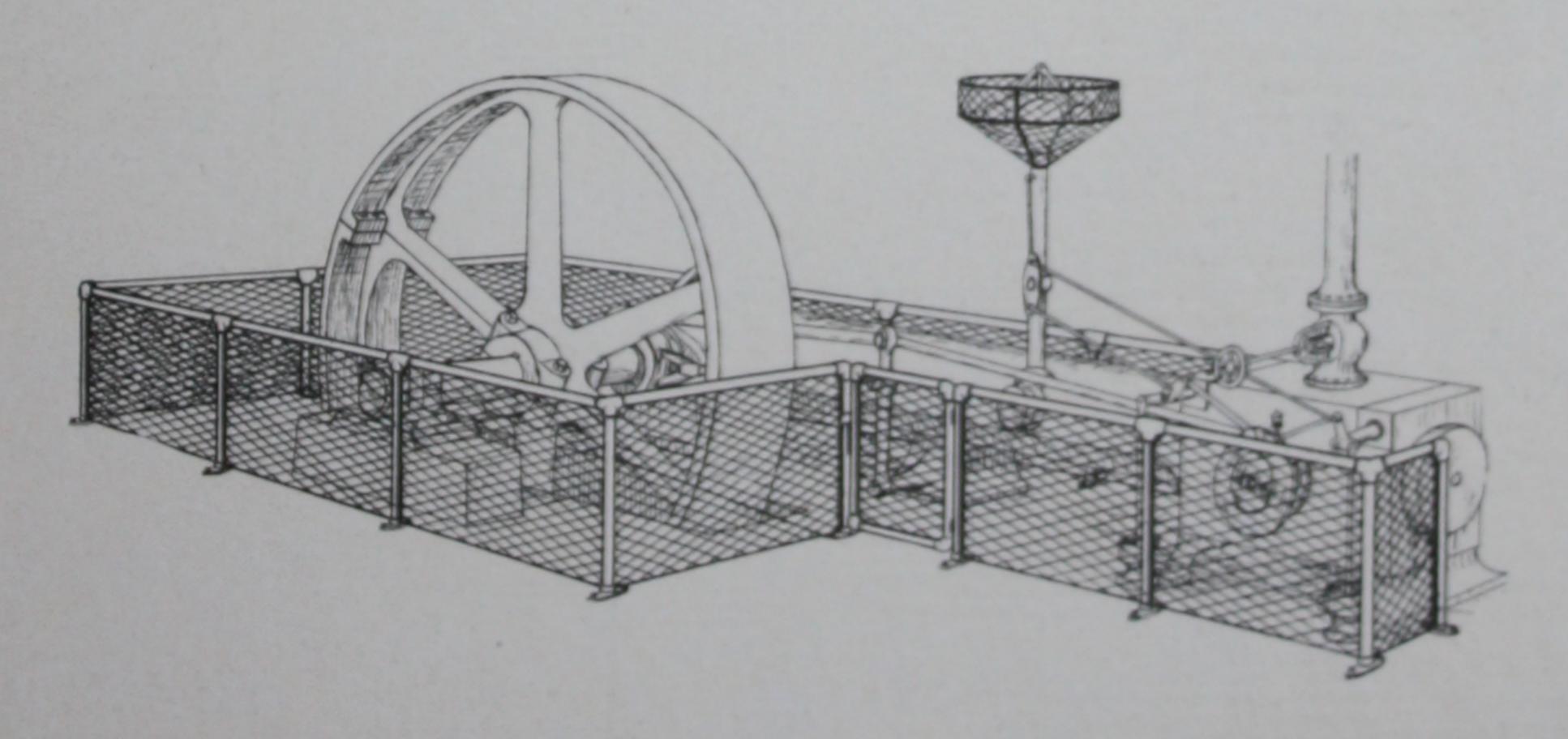
ONE of the specialties of the WAYNE IRON WORKS is woven wire work. Window guards, such as shown here are made with either square or diamond mesh. The usual size of mesh varies from 1" to 2" and the size of wire from 6 to 14. The frames may be of either round or channel iron.

Since the passage of the Workmen's Compensation Law in Pennsylvania we have guarded the machinery in many factories in accordance with state requirements.

The manner in which a Corliss engine may be guarded is illustrated below.

Let us figure on your machinery guards.

"Safety First"



## Companies, Institutions, Societies, Etc., for Whom We Have Done Work

#### RAILROADS

Atlantic Coast Line Railroad.

Baltimore & Ohio Railroad.

Boston & Albany Railroad.

Brooklyn Heights Railway.

Central Railroad of New Jersey.

Central of Georgia Railway.

Carolina, Cinchfield & Ohio Railway.

Lehigh Valley Railroad.

Long Island Railroad.

Michigan Central Railroad.

New York Central Lines.

New York Connecting Railroad.

New York, New Haven & Hartford Railroad.

New York, Philadelphia & Norfolk Railroad.

New York & Long Branch Railroad.

Norfolk Terminal Railroad.

Pennsylvania Railroad.

Penna. Lines West of Pittsburgh.

Penna. Tunnel & Terminal Co.

Philadelphia & Reading Railway.
Philadelphia Rapid Transit Co.
Philadelphia & Garrettsford Railway.
Philadelphia & West Chester Traction Co.
Philadelphia & Western Railway.
Rutland Railroad.
Washington Southern Railroad.
Washington Terminal Co.
West Jersey & Seashore Railroad.

#### MANUFACTURERS, CONTRACTORS, ETC.

	Adams Express Co.  American Bridge Co.  Pullman Co.  Armstrong & Latta Co.  Brann & Stuart Co.  Cramp & Co.  John Goll & Co.  Irwin & Leighton  Keystone State Construction Co.  James McGraw Co.  Roydhouse, Arey & Co.  United Gas Improvement Co.  U. S. Marine Corps	Abrasive Material Co.  Edwin H. Fitler Co.  Philadelphia Steel and Forge Co.  U. S. Arsenal  Autocar Co.  Pennsylvania Steel Co.  Nelson Valve Co.  Hershey Improvement Co.  Matthews Construction Co.  Becton, Dickinson Co.  Stanford Gas & Electric Co.  Maryland Steel Co.  Syparrows Point, M. D.
CHURCHES, HOSPITALS, ETC.		
	Methodist Hospital Northwood Cemetery Pennsylvania Hospital Presbyterian Orphanage Rescue Home & Hospital for Children St. Monica's Church St. Rita's Church	Widener Home for Crippled Children
EDUCATIONAL INSTITUTIONS		
	Boston Schoolhouse Dept	Lower Merion School Dist
PARKS AND PLAYGROUNDS		
	Board of Recreation  Bureau of City Property  Dept. of Public Safety  Dept. of Supplies  Phila., Pa.	Fairmount Park Association
CLUBS		
	Manufacturers' Club  Philadelphia Country Club  Racquet Club  Union League  Wynnefield Club  Germantown Cricket Club  Germantown, Pa.	North Hills Country Club Edgehill, Pa.  Merion Civic Association Merion, Pa.  Merion Cricket Club Haverford, Pa.  St. Davids Golf Club St. Davids, Pa.  Altoona Cricket Club Altoona, Pa.  Pine Valley Golf Club Sumner, N. J.